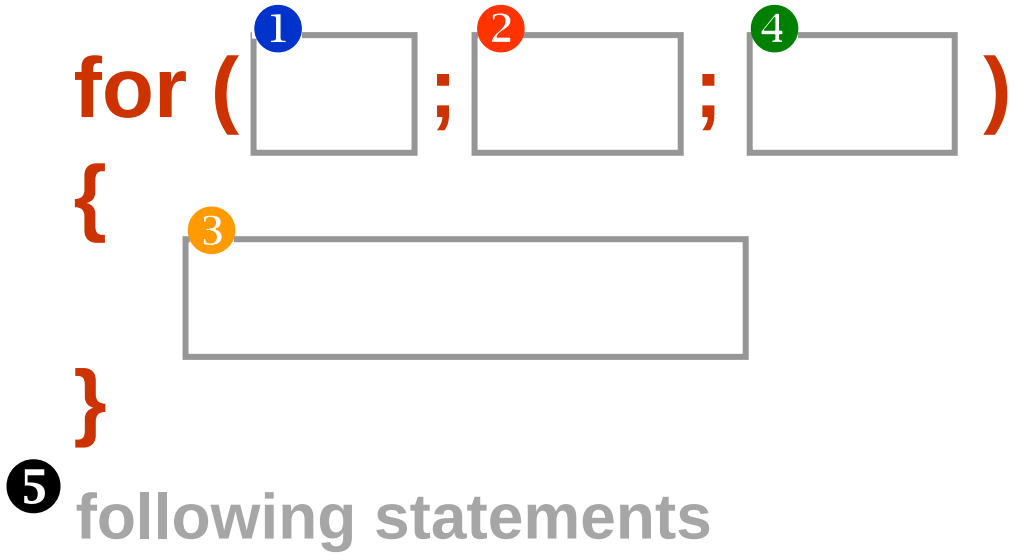
for 迴圈

- 1+2+3+4

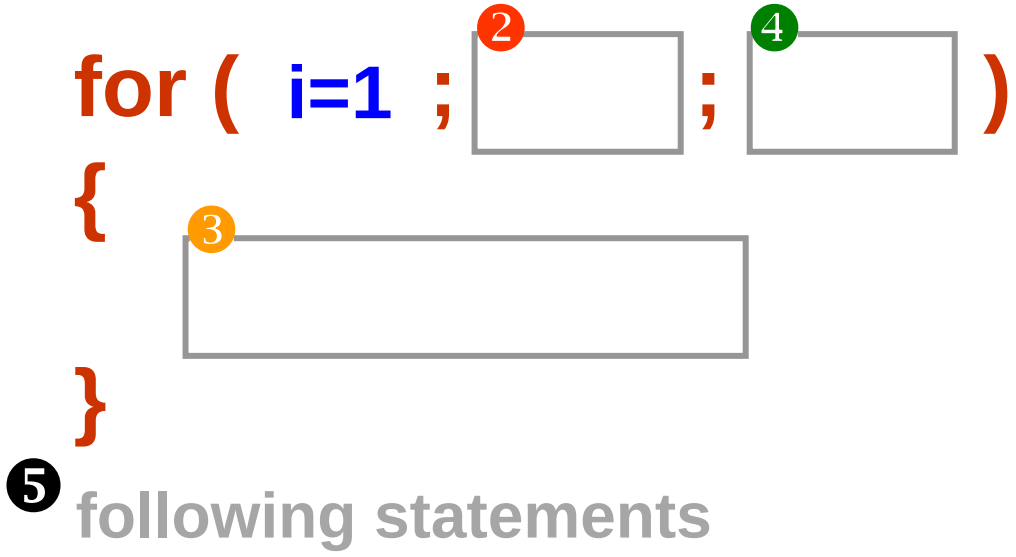
for 迴圈

- 1+2+3+4
- 語法



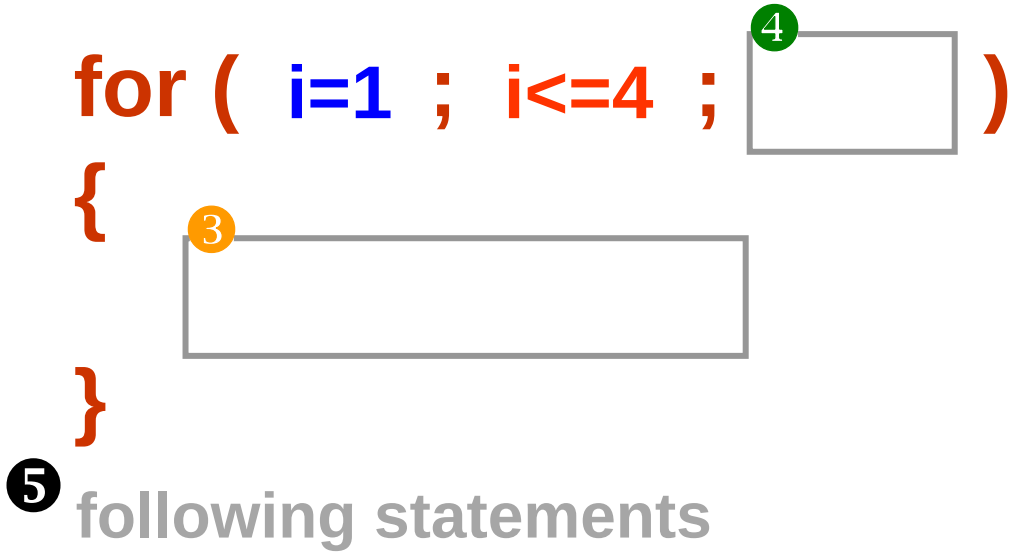
for 迴圈

- 1+2+3+4
- 語法



for 迴圈

- 1+2+3+4
- 語法



for 迴圈

- 1+2+3+4
- 語法

```
for (  i=1  ;  i<=4  ;  ❹  )
{
      sum = sum + i;
}
❺ following statements
```

for 迴圈

- 1+2+3+4
- 語法

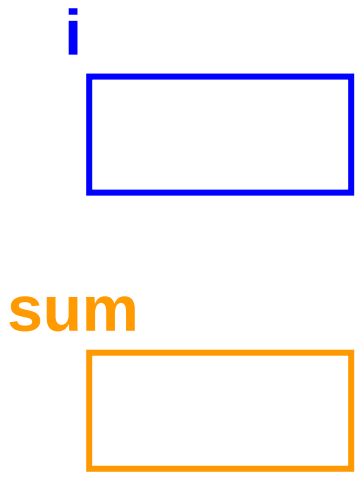
```
for ( i=1 ; i<=4 ; i=i+1 )
{
    sum = sum + i;
}
following statements
```

for 迴圈

- 1+2+3+4
- 語法

```
int i, sum;

for ( i=1 ; i<=4 ; i=i+1 )
{
    sum = sum + i;
}
following statements
```



for 迴圈

- 1+2+3+4
- 語法

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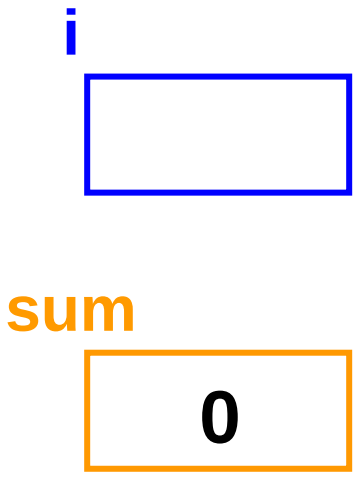

for 迴圈

- 1+2+3+4
- 語法

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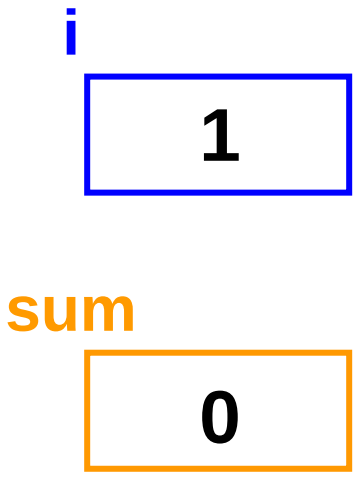


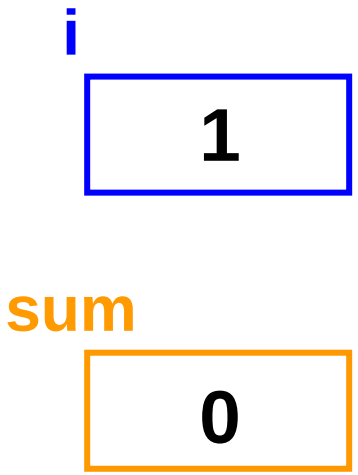
for 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

for (  i=1  ;  i<=4  ;  i=i+1  )
{
      sum = sum + i;
}
following statements
```

❷



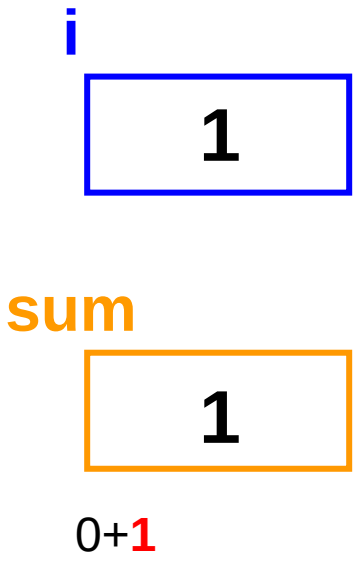
for 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

for ( i=1 ; i<=4 ; i=i+1 )
{
    ❸ sum = sum + i;
}

following statements
```



for 迴圈

- 1+2+3+4
- 語法

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      sum = sum + i;
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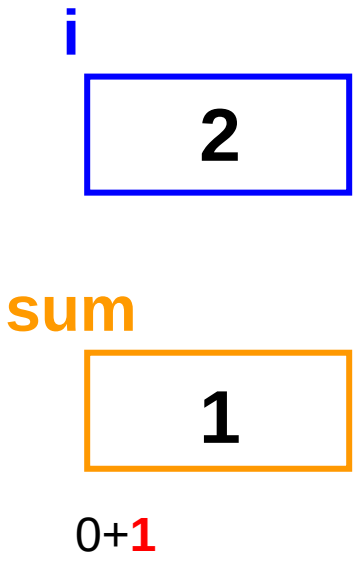

for 迴圈

- 1+2+3+4
- 語法

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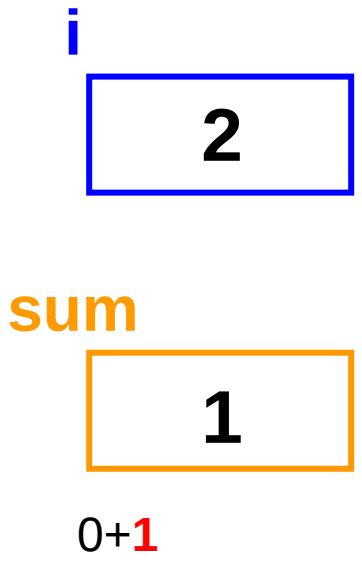
for (  i=1  ;  i<=4  ;  i=i+1  )
{
      sum = sum + i;
}
following statements
```

❷



for 迴圈

- 1+2+3+4
- 語法

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int i, sum=0;

for ( i=1 ; i<=4 ; i=i+1 )
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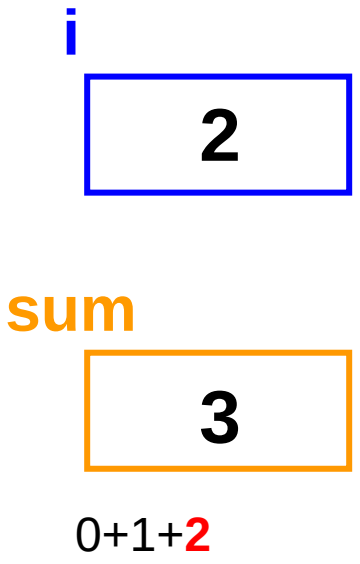
}
following statements
```



for 迴圈

- 1+2+3+4
- 語法

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      sum = sum + i;
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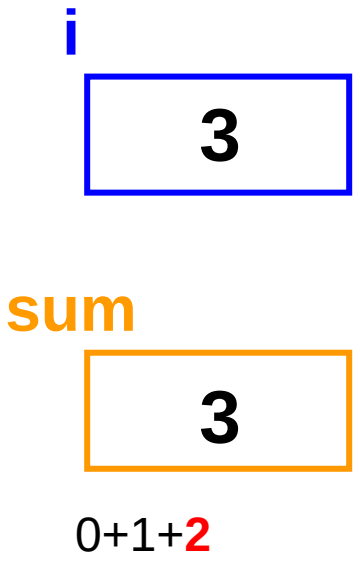
following statements
```



for 迴圈

- 1+2+3+4
- 語法

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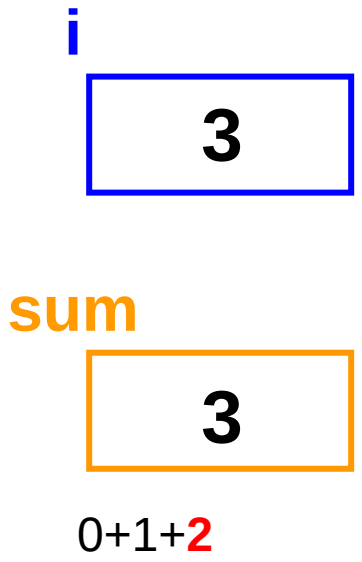
for (  i=1  ;  i<=4  ;  i=i+1  )
{
      sum = sum + i;
}
following statements
```

❷



for 迴圈

- 1+2+3+4
- 語法

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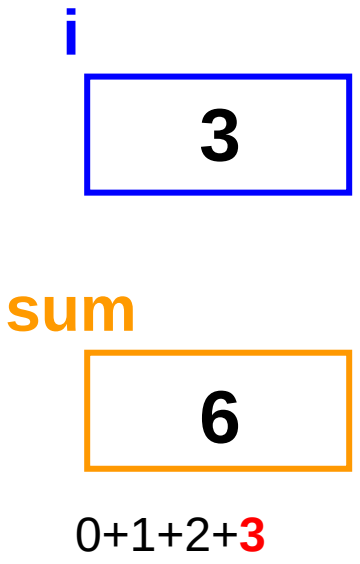
for ( i=1 ; i<=4 ; i=i+1 )
{
    ❸ sum = sum + i;
}
following statements
```

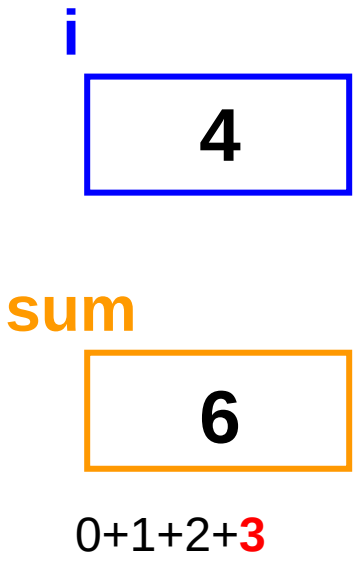


for 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

for (  i=1  ;  i<=4  ;  i=i+1 )
{
      sum = sum + i;
}
following statements
```



for 迴圈

- 1+2+3+4
- 語法

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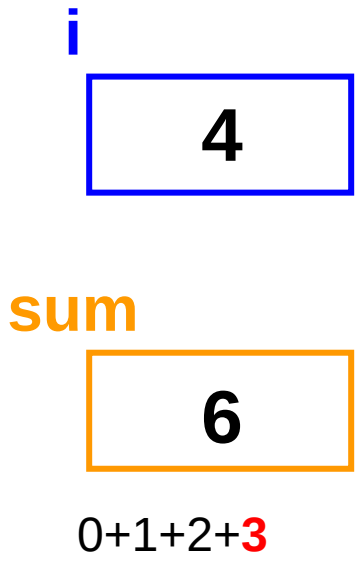
int i, sum=0;

for (  i=1  ;  i<=4  ;  i=i+1  )
{
      sum = sum + i;
}
following statements
```

❷

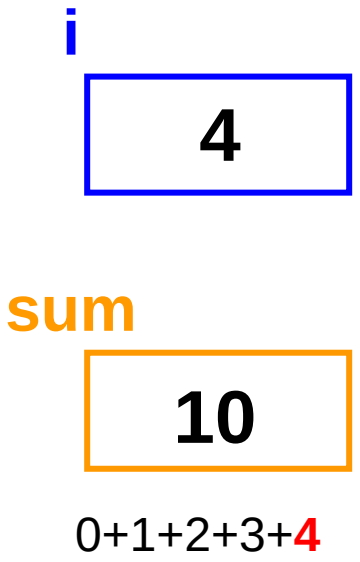


for 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

for ( i=1 ; i<=4 ; i=i+1 )
{
    ❸ sum = sum + i;
}
following statements
```



for 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

for (  i=1  ;  i<=4  ;  i=i+1 )
{
      sum = sum + i;
}
following statements
```

4

i

5

sum

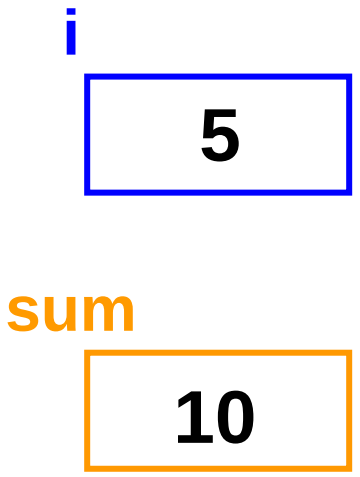
10

for 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

for (  i=1  ;  i<=4  ;  i=i+1  )
{
      sum = sum + i;
}
❺ following statements
```

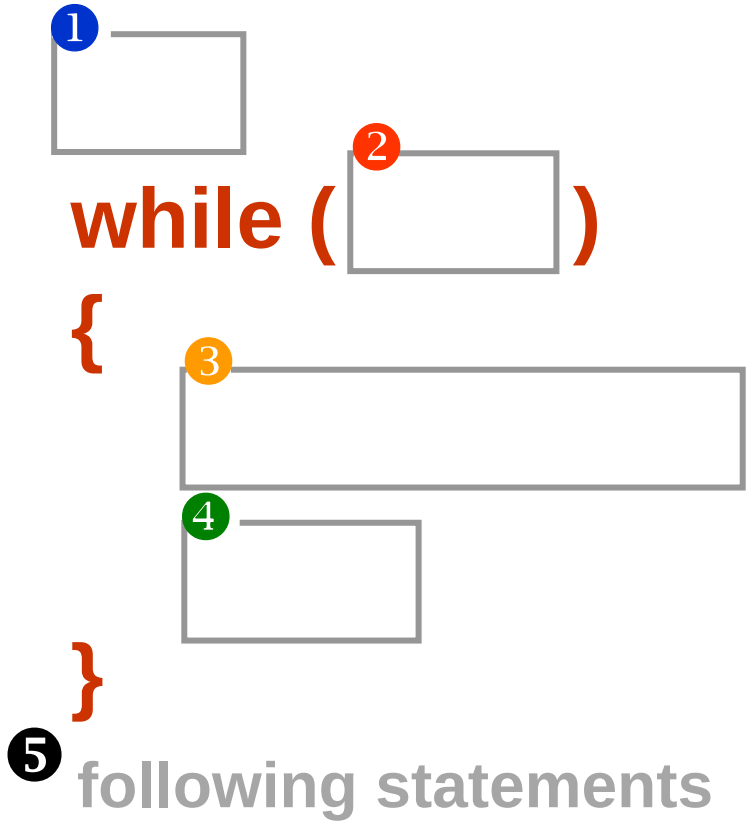


while 迴圈

- 1+2+3+4

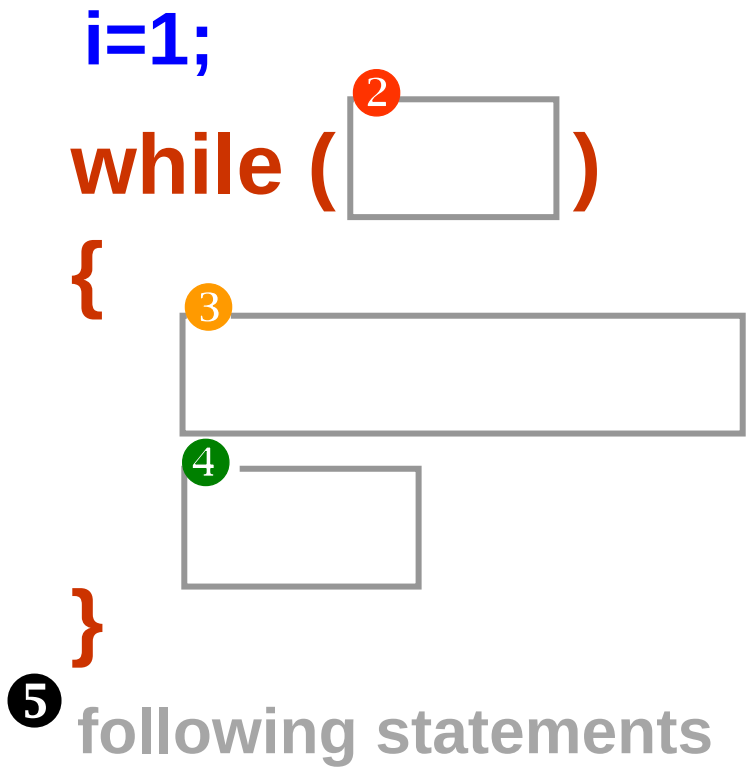
while 迴圈

- 1+2+3+4
- 語法



while 迴圈

- 1+2+3+4
- 語法



while 迴圈

- 1+2+3+4
- 語法

```
i=1;
while ( i<=4 )
{
    ❸
    ❹
}
❺ following statements
```

while 迴圈

- 1+2+3+4
- 語法

```
i=1;
while ( i<=4 )
{
    sum = sum + i;
}
following statements
```

while 迴圈

- 1+2+3+4
- 語法

```
i=1;
while ( i<=4 )
{
    sum = sum + i;

    i=i+1;
}
following statements
```

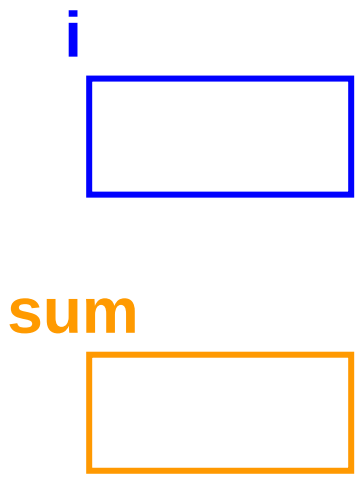
while 迴圈

- 1+2+3+4
- 語法

```
int i, sum;

i=1;
while ( i<=4 )
{
    sum = sum + i;

    i=i+1;
}
following statements
```



while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
while ( i<=4 )
{
    sum = sum + i;
    i=i+1;
}
following statements
```

0

i

sum

0

while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
❶ i=1;
while ( i<=4 )
{
    sum = sum + i;

    i=i+1;
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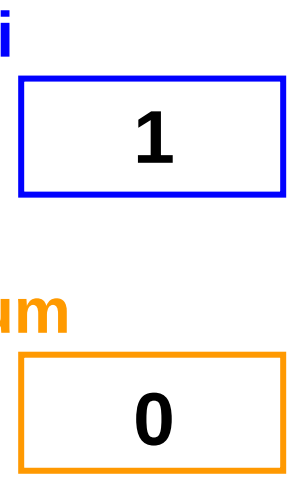
following statements
```



while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

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while ( i<=4 )
{
    sum = sum + i;

    i=i+1;
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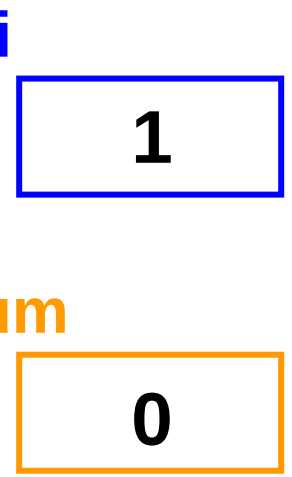
following statements
```

❷



while 迴圈

- 1+2+3+4
- 語法

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int i, sum=0;

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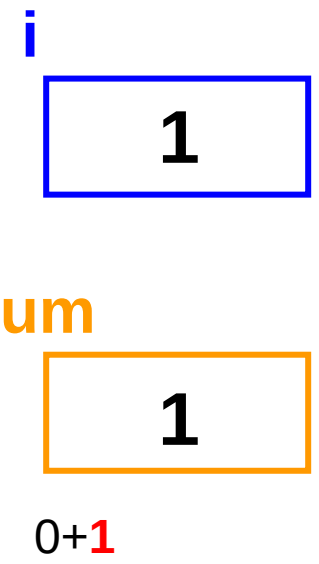

while 迴圈

- 1+2+3+4
- 語法

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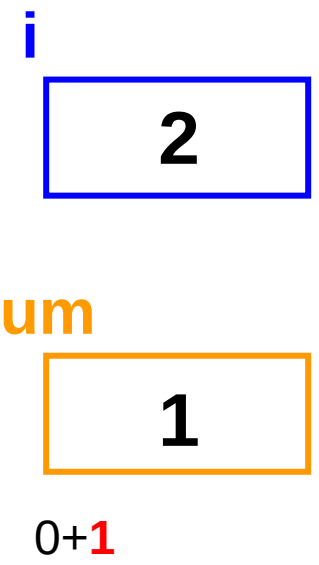

while 迴圈

- 1+2+3+4
- 語法

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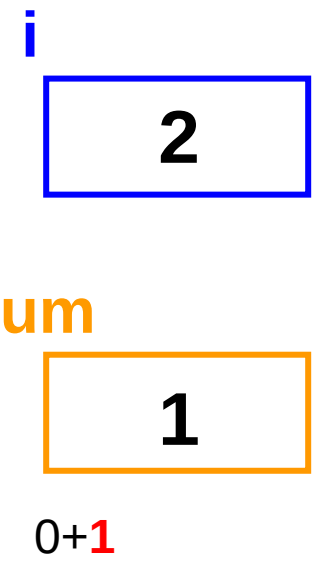
❷



while 迴圈

- 1+2+3+4
- 語法

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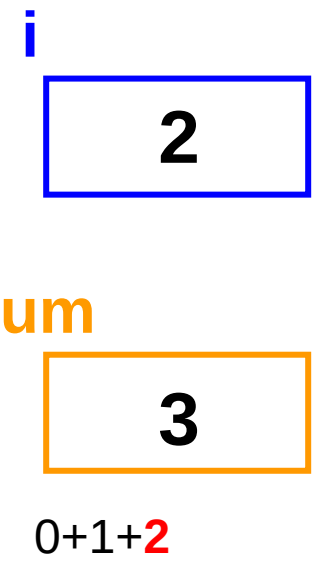

while 迴圈

- 1+2+3+4
- 語法

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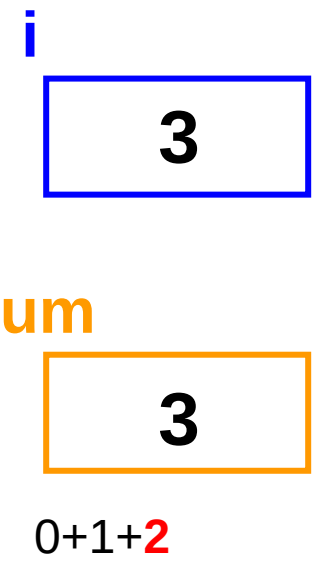

while 迴圈

- 1+2+3+4
- 語法

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    i=i+1;
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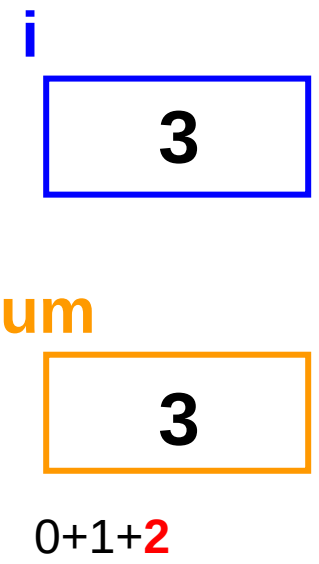
following statements
```

❷



while 迴圈

- 1+2+3+4
- 語法

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    ❸
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    i=i+1;
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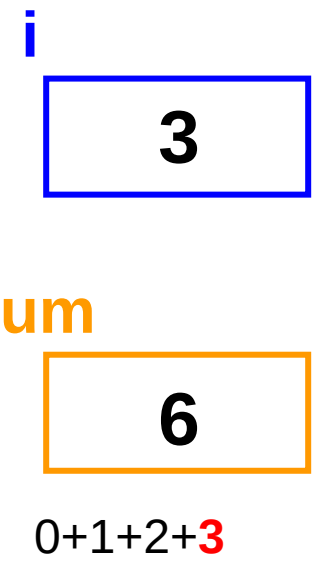
```



while 迴圈

- 1+2+3+4
- 語法

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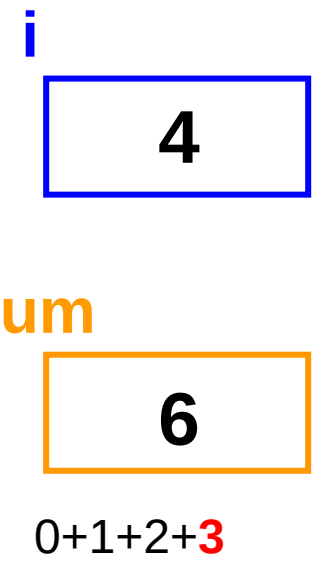
```



while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

i=1;
while ( i<=4 )
{
    sum = sum + i;

    i=i+1;
}
following statements
```

❷

i

4

sum

6

0+1+2+3

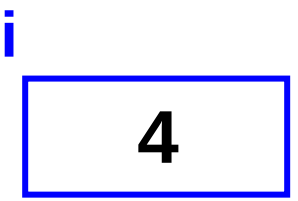
while 迴圈

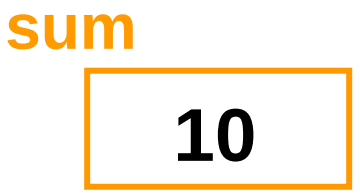
- 1+2+3+4
- 語法

```
int i, sum=0;

i=1;
while ( i<=4 )
{
    ❸
    sum = sum + i;

    i=i+1;
}
following statements
```





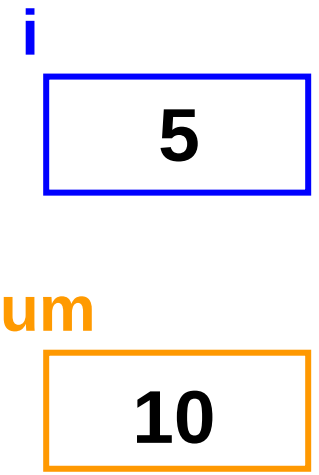
0+1+2+3+4

while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;

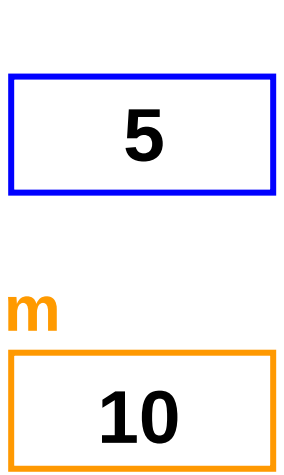
i=1;
while ( i<=4 )
{
    sum = sum + i;
    i=i+1;
}
following statements
```



while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
while ( i<=4 )
{
    sum = sum + i;
    i=i+1;
}
❺ following statements
```

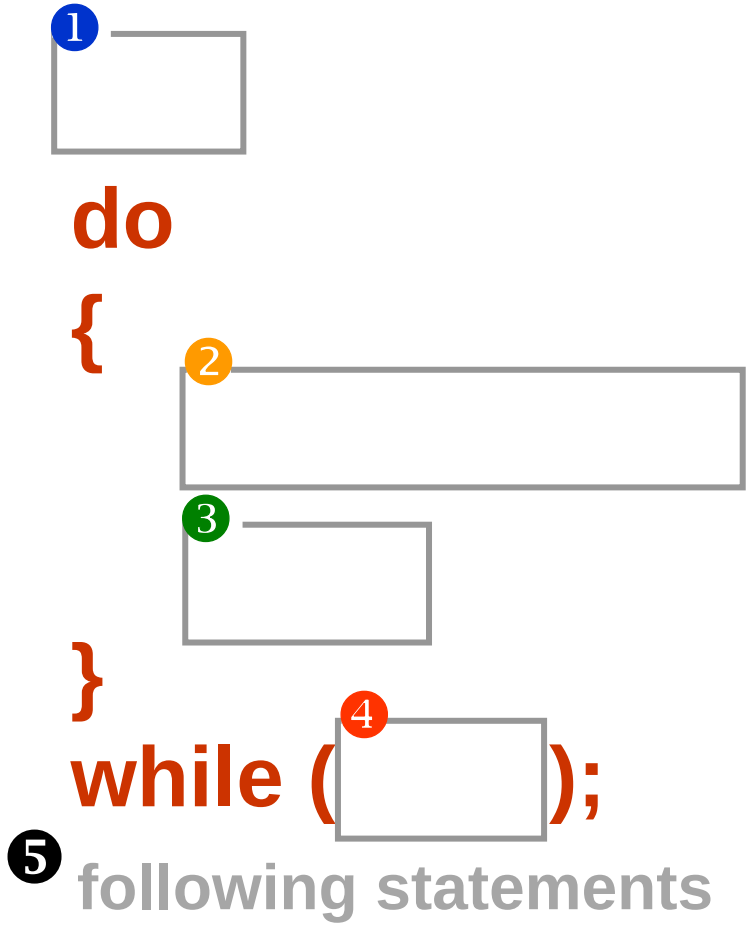


do while 迴圈

- 1+2+3+4

do while 迴圈

- 1+2+3+4
- 語法



do while 迴圈

- 1+2+3+4
- 語法

```
i=1;
do
{
    ❷
    ❸
}
while (❹);
❺ following statements
```

do while 迴圈

- 1+2+3+4
- 語法

```
i=1;
do
{
      sum = sum + i;
❸
}
while (❹);
❺ following statements
```

do while 迴圈

- 1+2+3+4
- 語法

```
i=1;
do
{
    sum = sum + i;

    i=i+1;
}
while (❹      );
❺ following statements
```

do while 迴圈

- 1+2+3+4
- 語法

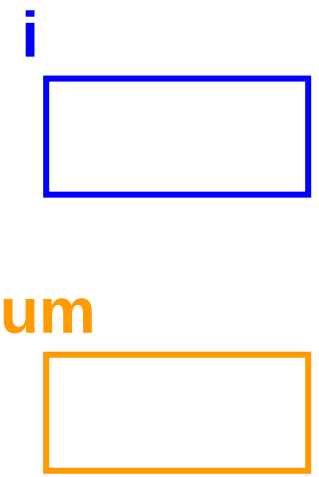
```
i=1;
do
{
    sum = sum + i;

    i=i+1;
}
while ( i<=4 );
following statements
```

do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

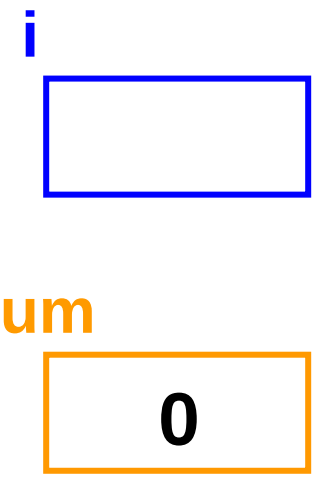


do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

0

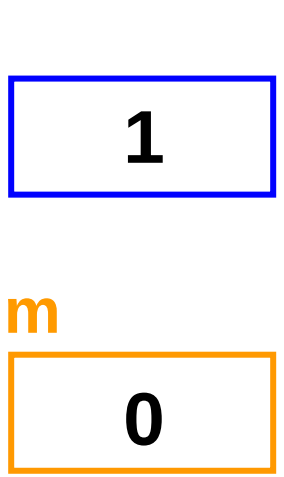


do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
❶ i=1;
do
{
    sum = sum + i;

    i=i+1;
}
while ( i<=4 );
following statements
```

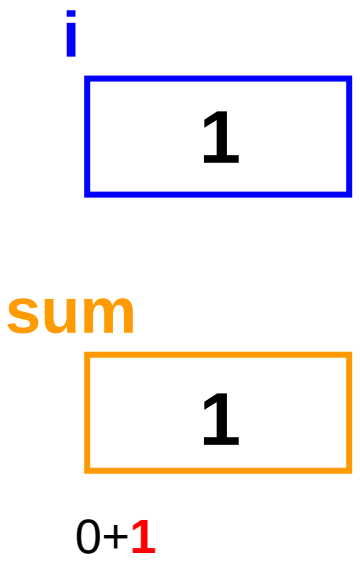


do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

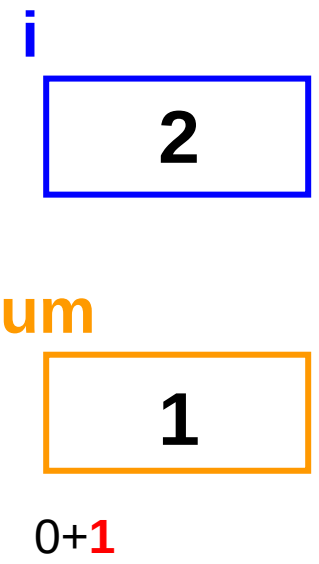
❷



do while 迴圈

- 1+2+3+4
- 語法

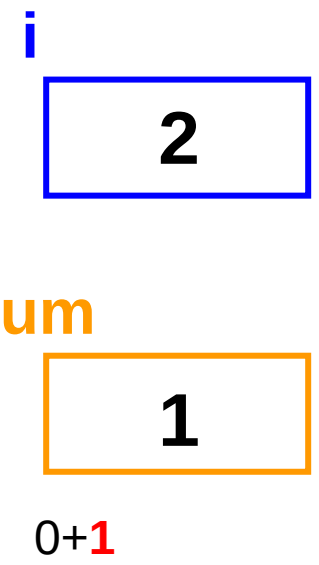
```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    ❸
    i=i+1;
}
while ( i<=4 );
following statements
```



do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

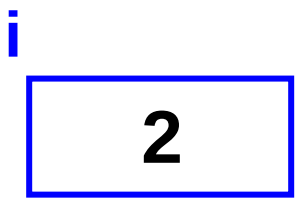


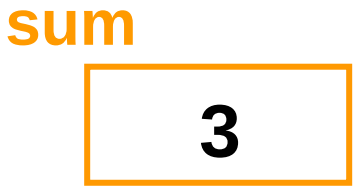
do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

❷



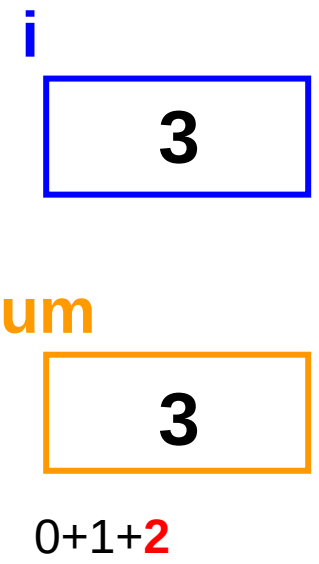


0+1+2

do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    ❸
    i=i+1;
}
while ( i<=4 );
following statements
```

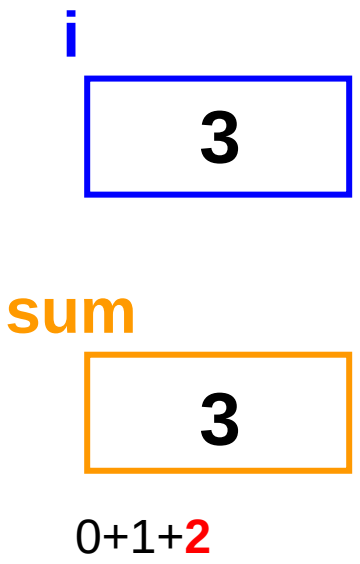


do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

❹

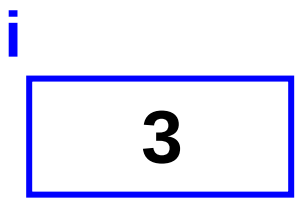


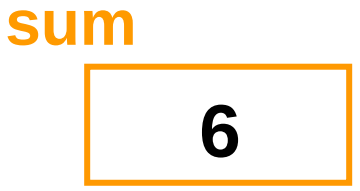
do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

❷





0+1+2+3

do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

❸

i

4

sum

6

0+1+2+3

do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

4

i

4

sum

6

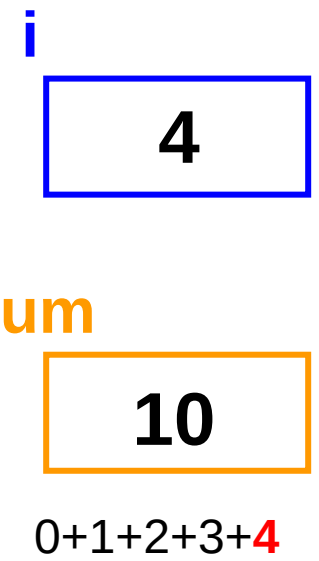
0+1+2+3

do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

❷



do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
following statements
```

❸

i

5

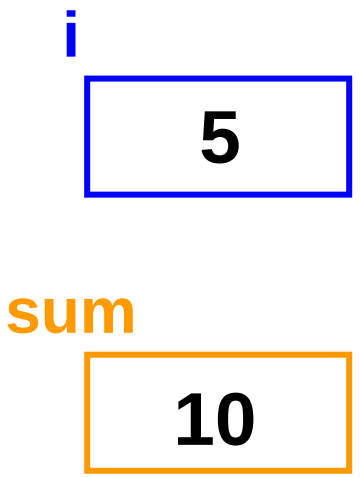
sum

10

do while 迴圈

- 1+2+3+4
- 語法

```
int i, sum=0;
i=1;
do
{
    sum = sum + i;
    i=i+1;
}
while ( i<=4 );
❺ following statements
```



迴圈語法總結

每一個迴圈都包括
四個部份:

A. 初始
B. 迴圈繼續執行條件
C. 迴圈主體
D. 迴圈控制變數增減

迴圈語法總結

每一個迴圈都包括
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A. 初始
B. 迴圈繼續執行條件
C. 迴圈主體
D. 迴圈控制變數增減

1. for 迴圈

```
for (i=0; i<10; i++)
{
    printf("%d", i);
}
```

迴圈語法總結

每一個迴圈都包括
四個部份:
A. 初始
B. 迴圈繼續執行條件
C. 迴圈主體
D. 迴圈控制變數增減

1. for 迴圈

```
for (i=0; i<10; i++)
{
    printf("%d", i);
}
```

2. while 迴圈

```
i=0;
while (i<10)
{
    printf("%d", i);
    i++;
}
```

迴圈語法總結

每一個迴圈都包括
四個部份:
A. 初始
B. 迴圈繼續執行條件
C. 迴圈主體
D. 迴圈控制變數增減

1. for 迴圈

```
for (i=0; i<10; i++)
{
    printf("%d", i);
}
```

2. while 迴圈

```
i=0;
while (i<10)
{
    printf("%d", i);
    i++;
}
```

3. do while 迴圈

```
do
{
    printf("Input a positive number");
    scanf("%d", &x);
}
while (x<=0);
```