

巢狀迴圈

Nested loop

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巢狀選擇結構 Nested if

```
1 #include <iostream>
  using namespace std;
  int main(){
       for(int i=0;i<3;i++){
           for(int j=0; j<3; j++){
               cout<<i<';
 8
           cout<<endl;
10
11
       return 0;
12 }
```

```
Output

00 01 02

10 11 12

20 21 22
```

```
1 #include <iostream>
 2 using namespace std;
 4 int main(){
       int num=1;
       for(int i=0;i<5;i++){
           for(int j=0;j<5;j++){
               cout<<num++<<" ";
10
           cout<<endl;
11
12
       return 0;
13 }
```

<u>Output</u>

```
      1
      2
      3
      4
      5

      6
      7
      8
      9
      10

      11
      12
      13
      14
      15

      16
      17
      18
      19
      20

      21
      22
      23
      24
      25
```

```
1 #include <iostream>
 2 using namespace std;
 3
 4 int main(){
       int num=1;
 6
       for(int i=0;i<5;i++){
           for(int j=0;j<=i;j++){
 8
               cout<<num++<<" ";
 9
10
           cout<<endl;
11
12
       return 0;
13 }
```

```
Output

1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```