Predicting Output with Loops

Predict what each code segment will display!

Predict the output of the following code:

```
for (int i = 0; i < 10; i++)
{
        if (i != 5) continue;
        cout << i << " ";
}
```

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Predict the output of the following code:

```
for (int row = 0; row < 5; row++)
{
    for (int star = 0; star < 20; star++)
    {
        cout << '*';
        if (star == 10)
        Break;
    }
    cout << endl;
}
```

Predict the output of the following code:

```cpp
int a = 10;
   // do loop execution
   do {
      if( a == 15) {
         // skip the iteration.
         a = a + 1;
         continue;
      }
      cout << "value of a: " << a << endl;
      a = a + 1;
   }
   while( a < 20 );
```

```
value of a: 10
value of a: 11
value of a: 12
value of a: 13
value of a: 14
value of a: 16
value of a: 17
value of a: 18
value of a: 19
```

Predict the output of the following code:

```
for (int j = 0; j < 2; j++)
{
        for (int k = 0; k < 5; k++)
         {
            if (k == 3) continue;
            cout << j << k << " ";
         }
}
```

00 01 02 04 10 11 12 14