



## THE *FOR* LOOP

Its format is:

*for* (initialization; condition; increase) statement

Its main function is to repeat *statement* while *condition* remains true, like the while loop. But in addition, the *for* loop provides specific locations to contain an *initialization* statement and an *increase* statement. This loop is specifically designed to perform a repetitive action with a counter which is initialized and increased on each iteration.

```
#include <iostream>
using namespace std;

int main ()
{
    // for loop execution
    for( int a = 10; a < 20; a = a
+ 1 )
    {
        cout << "value of a: " << a
<< endl;
    }

    return 0;
}
```