

THE *WHILE* LOOP

Loops have as propose to repeat a statemen a certain number of times or while a condition is fulfilled.

Its format is:

while (expression) statement

Its functionality is simply to repeat statement while the condition set in expression is true.

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

int main ()
{
    // Local variable declaration:
    int a = 10;

    // while loop execution
    while( a < 20 )
    {
        cout << "value of a: " << a << endl;
        a++;
    }

    return 0;
}
```