

# Problems on Cpp loops – 1

## MCQs



Q1- How many times is “it’s a while loop” going to be printed here ?

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

int main()
{
    int i = 1 ;
    i = i - 1 ;

    while(i)
    {
        cout<<"its a while loop";
        i++ ;
    }

    return 0;
}
```

- a) 2
- b) 1
- c) 0
- d) error

Q2- Which of the following is not a looping statement/expression ?

- a) For
- b) While
- c) Do...while
- d) If

Q3- What will be the output of the following code snippet ?

```
#include <iostream>
using namespace std;
int main() {
    int n = 15;
    for (; ; )
        cout << n;
    return 0;
}
```

- a) Error
- b) 15
- c) Printing n infinite number of times
- d) None of the above

Q4 - Which of the following loop runs at least once despite the condition being true or false ?

- a) For
- b) While
- c) Do.. while
- d) None of the above

Q5- What is the effect of a break statement inside a loop?

- a) It cancels the remaining iterations and comes out of loop
- b) Skips the current iteration
- c) Skips the current iteration
- d) Loop counter is reset

**Answers:**

Ans 1: c) 0 ; since the value of I before entering the while loop becomes 0, which is a 'false' condition, hence will not go inside the while loop and will not print anything and just return.

Ans 2: d) if ; it is a conditional statement and not used for looping purposes.

Ans 3: c) printing n infinite number of times; this is because we are not giving any termination condition here.

Ans 4: c) do.. while

Ans 5: a) It cancels the remaining iterations and comes out of loop.