

Quiz # 3

1. What is printed by the following program? Show the output screen.

```
#include<iostream>
using namespace std;
int main()
{
    int count = 0;
    cout << "Before the loop and count is: " << count << endl;
    while (count < 12)
    {
        cout << '-' << count << '-';
        if (count % 2 == 0)
            count += 3;
        else
            count += 5;
        cout << '#' << count << '#' << endl;
    }
    cout << "After the loop and count is: " << count << endl;
    system("PAUSE");
    return 0;
}
```



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2. Name two header files and explain when you would include them.

3.

- a. Write a loop that prints out the numbers from 0 to 100 (0 1 2 3 4 5.....100)

- b. Now write a loop that prints only every 10th number from 0 to 100 (0 10 20 30 40.....100)

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4. What is printed by the following loop?

//input for this program is: a b a x

```
char inputChar;
int times = 1;
cin >> inputChar;
while (inputChar != 'x')
{
    times *= 10;
    cout << times << '\t' << inputChar << endl;
    cin >> inputChar;
}
cout << endl << times << endl;
```

