B. Tech Computer Engineering

Vth Semester

Lab 1

Sub: OOPS Lab

Name: Syed Mohammad Raza

Roll No.: 18BCS056

Q1.) Create a class for counting the number of objects created and destroyed within various block using constructor and destructor.

```
#include <bits/stdc++.h>
using namespace std;
class counter
   int objectNumber;
    static int objectCount;
public:
   counter()
        objectNumber = objectCount++;
    ~counter()
        objectCount--;
    void printNumber()
        cout << objectNumber << "\n";</pre>
    static int printCount()
       return objectCount;
};
int counter::objectCount;
int main()
       counter count1, count2;
        cout << counter::printCount() << "\n";</pre>
```

Output:

