

11A) Write a C++ program to count the number of persons inside a bank, by increasing count whenever a person enters a bank, using an increment(++) operator overloading function and decrease the count whenever a person leaves the bank using a decrement (--) operator overloading function inside a class.

```
#include<iostream>
using namespace std;
class counter
{
    int count;

    public:

    counter()
    {
        count=0;
    }
    counter operator++(int)
    {
        count++;
    }
    int get_count()
    {
        return count;
    }
    counter operator--(int)
    {
        count--;
    }
};
int main()
{

    counter c1;
    cout<<"Initial No Of People "<<c1.get_count()<<endl;
    c1++;
    c1++;
    c1++;
    c1++;
    cout<<"Present No Of People "<<c1.get_count()<<endl;
    c1--;
    c1--;
```

```
cout<<"Present No Of People "<<c1.get_count()<<endl;  
}
```