

## Quiz2

What is the output of the following program?

```
#include<iostream>
#include<conio>

class Aclass{
private:
    int i;
public:
    Aclass(){ cout << "Function 1" << endl;}
    Aclass(Aclass &);
    void operator=(Aclass);
    Aclass operator+(Aclass);
    ~Aclass(){ cout << "Function 5" << endl;}
};

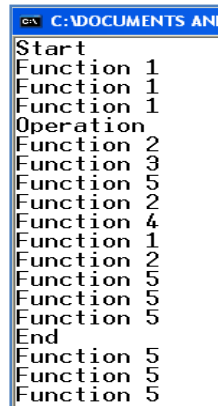
Aclass::Aclass(Aclass &in_c)
{
    cout << "Function 2" << endl;
    i=in_c.i;
}

void Aclass::operator=(Aclass in_c)
{
    cout<< "Function 3" << endl;
    i=in_c.i;
}

Aclass Aclass::operator+(Aclass in_c)
{
    cout<< "Function 4" << endl;
    Aclass temp;
    temp.i=i+in_c.i;
    return temp;
}

void main()
{
    cout << "Start" << endl;
    Aclass a,b,c;
    cout << "Operation" << endl;
    a=b;
    b+c;
    cout << "End" << endl;
    getch();
}
```

Output:



```
C:\DOCUMENTS AND SETTINGS\ADMINISTRATOR\My Documents\ANSI
Start
Function 1
Function 1
Function 1
Operation
Function 2
Function 3
Function 5
Function 2
Function 4
Function 1
Function 2
Function 5
Function 5
Function 5
End
Function 5
Function 5
Function 5
```