OOP

Lab 8 Tasks

Sir Waqar Ali

Zafeer Hafeez

FA- 2020-BSCS-022

```
#include <iostream>
using namespace std;
class AddAmount{
    private:
        int initAmount=10000;
        double amount;
    public:
        AddAmount():amount(initAmount) {}
        AddAmount(double addAmount):amount(initAmount+addAmount) {
        void printAmount(){
             cout << "Amount: " << amount << endl;</pre>
int main(){
    AddAmount a1(500), a2;
    a1.printAmount();
    a2.printAmount();
```

```
#include <iostream>
using namespace std;
#define PI 3.14
class Area{
    public:
        int radius, length, width, breadth;
        Area(int r):radius(r){
             cout << "Area of Circle: " << PI*radius*radius << endl;</pre>
        Area(int l, int w):length(1), width(w){
             cout << "Area of rectangle: " << length*width << endl;</pre>
        Area(int l, int w, int b):length(1),width(w), breadth(b){
             cout << "Area of cube: " << length*width*breadth << endl;</pre>
        }
};
int main(){
    Area a1(5);
    Area a2(6,5);
    Area a3(2,8,9);
    return 0;
}
```