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## O.O.Ps-INTERNAL PRACTICAL

**Aim:** - Write a program to show function Overloading.

**Source code:**

```
#include<iostream>

using namespace std;

class Area{
    public:
    void area(float r){
        cout<<"\nArea of circe is "<<3.14*r*r<<"\n";
    }
    void area(int l){
        cout<<"\nArea of square is "<<l*l<<"\n";
    }
    void area(int l,int b){
        cout<<"\nArea of retangle is "<<l*b<<"\n";
```

```
    }  
};  
  
int main(){  
    Area obj;  
    int length,breadth;  
    float radius;  
    cout<<"\nEnter the length of square ";  
    cin>>length;  
    obj.area(length);  
  
    cout<<"\nEnter the radius of circle ";  
    cin>>radius;  
    obj.area(radius);  
  
    cout<<"\nEnter the length and breadth of rectangle ";  
    cin>>length>>breadth;  
    obj.area(length,breadth);  
    return 0;  
}
```

**OUTPUT:-**

Enter the length of square 4

Area of square is 16

Enter the radius of circle 3

Area of circe is 28.26

Enter the length and breadth of rectangle 8 9

Area of retangle is 72

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Process exited after 76.86 seconds with return value 0

Press any key to continue . . .