```cpp
#include<iostream.h>
#include<conio.h>

class circle
{
    int r;
    float ar;
public:
        circle(int a)
        {
            r=a;
        }
        void disp()
        {
            cout<<"Area="<<3.14*r*r;
        }
};
class rectangle :public circle
    {
        int l,b;
    public:
            rectangle(int a,int m,int n): circle(a)
            {
                l=m;
                b=n;
            }
            void result()
            {
                cout<<"Area="<<l*b;
            }
};
void main()
{
    int a,c,d;
    clrscr();
    cout<<"Enter radius of circle:";
    cin>>a;
    cout<<"Enter sides:";
    cin>>c>>d;
    rectangle obj(a,c,d);
    cout<<"Area of circle is:\n";
    obj.disp();
    cout<<"\n Rectangle \n";
    obj.result();
}
```