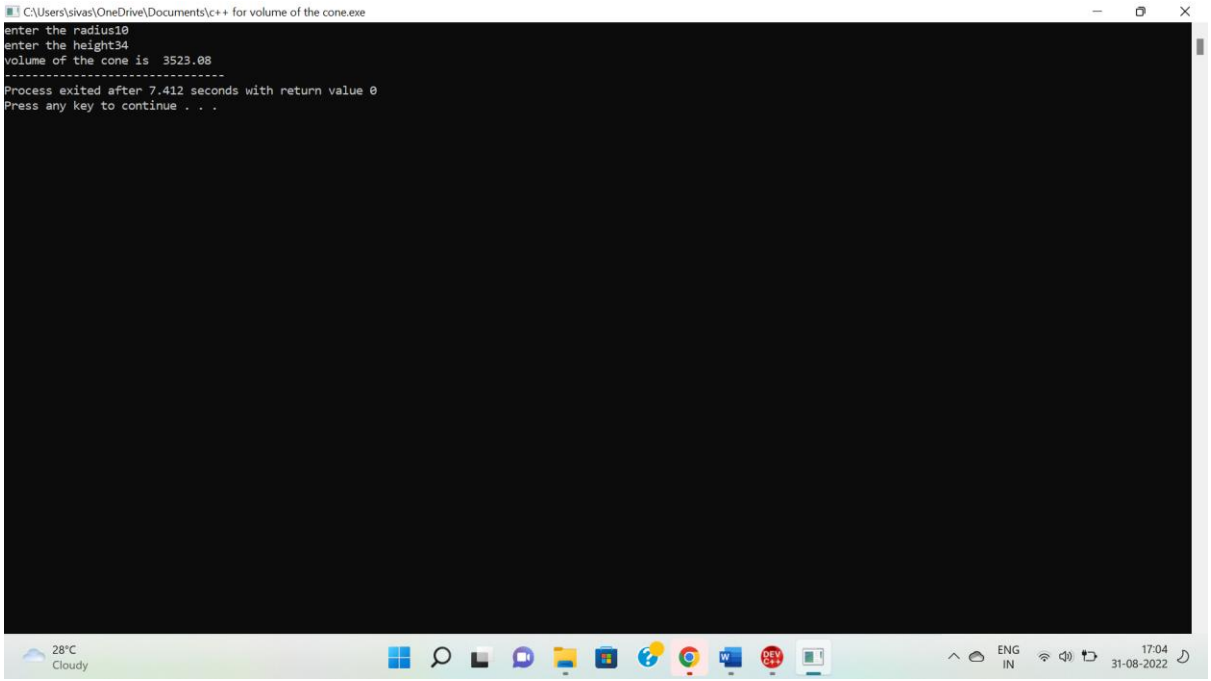
Program:-1

```
#include<iostream>
#include<math.h>
using namespace std;
class volume
{
        float x,radius,h;
        public:
                int getdata();
                int display();

};
int volume::getdata()
{
        cout<<"enter the radius";
        cin>>radius;
        cout<<"enter the height";
        cin>>h;
return 0;
}
int volume::display()
{
        x=0.33*3.14*radius*radius*h;
        cout<<"volume of the cone is  "<<x;
return 0;
}
int main()
{
        volume v;
        v.getdata();
        v.display();
```

}

Output:-

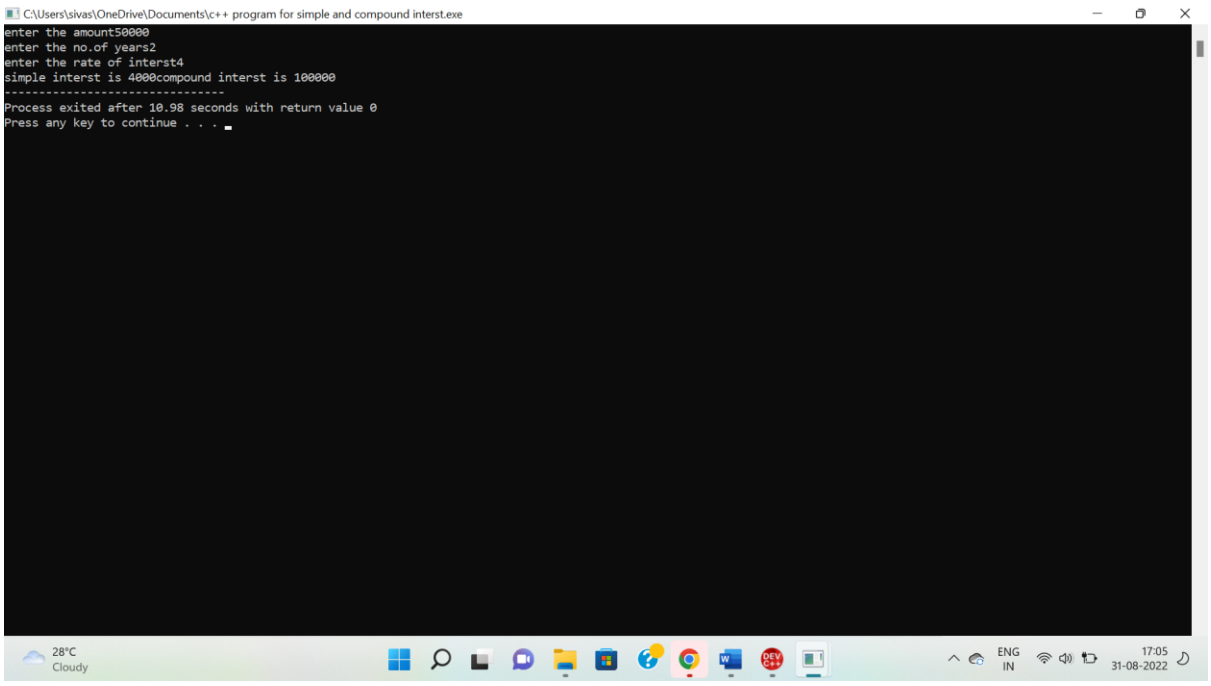


Program:-2

```
#include<iostream>
#include<math.h>
using namespace std;
class interst
{
        int p,n,r;
        public:
                int getdata();
                int display();
};
int interst::getdata()
{
        cout<<"enter the amount";
        cin>>p;
```

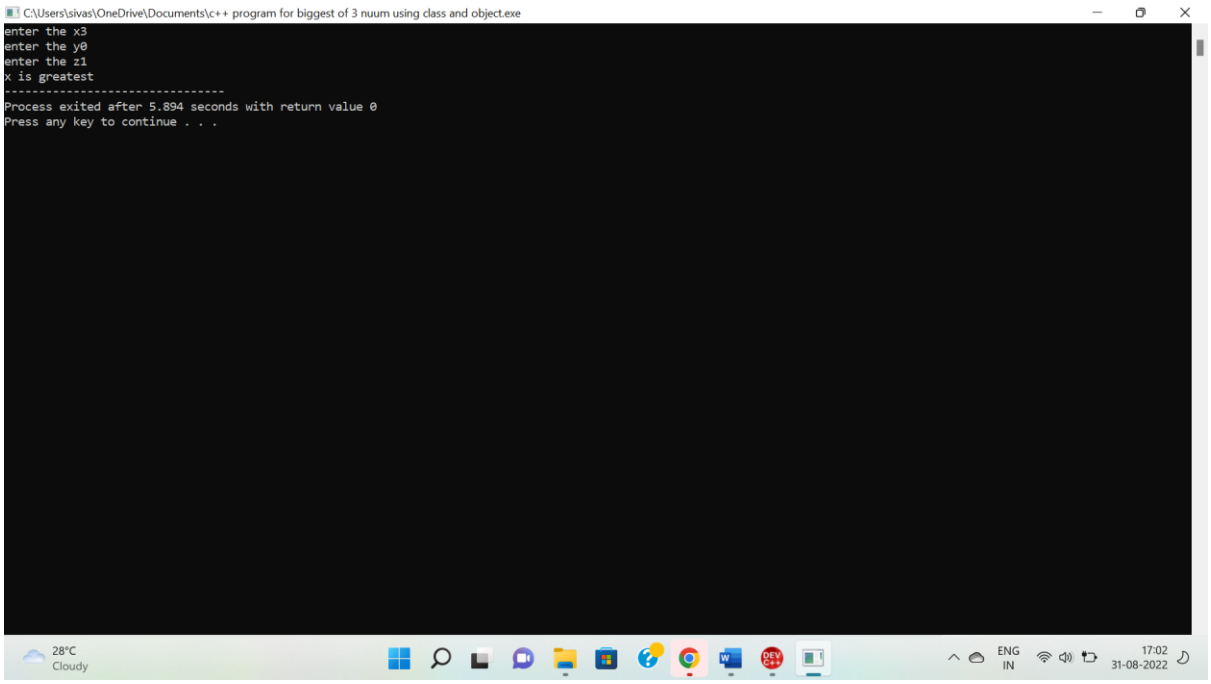
```
        cout<<"enter the no.of years";
        cin>>n;
        cout<<"enter the rate of interst";
        cin>>r;
}
int interst::display()
{
        cout<<"simple interst is "<<p*n*r/100;
        cout<<"compound interst is "<<p*(1+r/100,n);
}
int main()
{
        interst i;
        i.getdata();
        i.display();
}
```

Output:-



Program:-3

Output:-



Program:-4

```
#include<iostream>
using namespace std;
int main()
{
	int x,y,z;
	cout<<"enter the 3 numbers";
	cin>>x>>y>>z;
	if(int(x)&&int(y)&&int(z))
	{
		if(x>y&&x>z)
		{
			cout<<"x is biggest";
		}
		else if(y>x&&y>z)
		{
```

```
                cout<<"y is biggest";
        }
        else
        {
                cout<<"z is biggest";
        }
    }
    else
    {
        cout<<"invalid";
    }
    return 0;
}
```

Output:-