Program:-1

```cpp
#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;
}
```
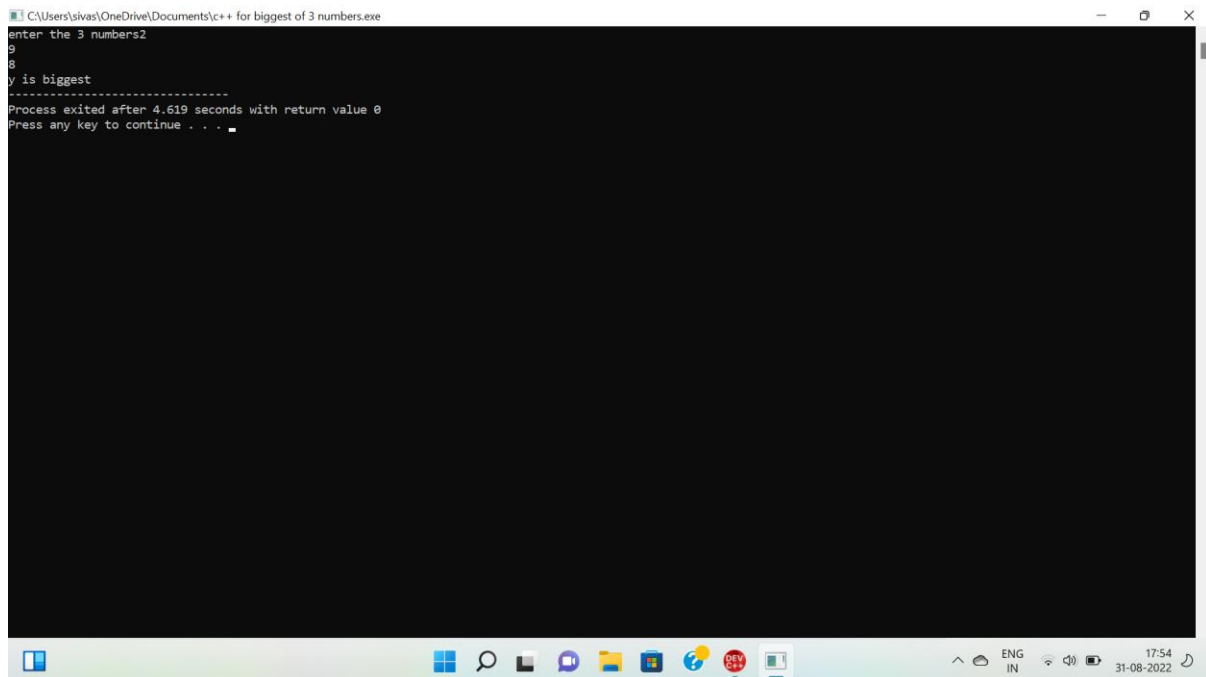
Output:-

Program:-2

```cpp
#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;
```

```cpp
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();

}
```
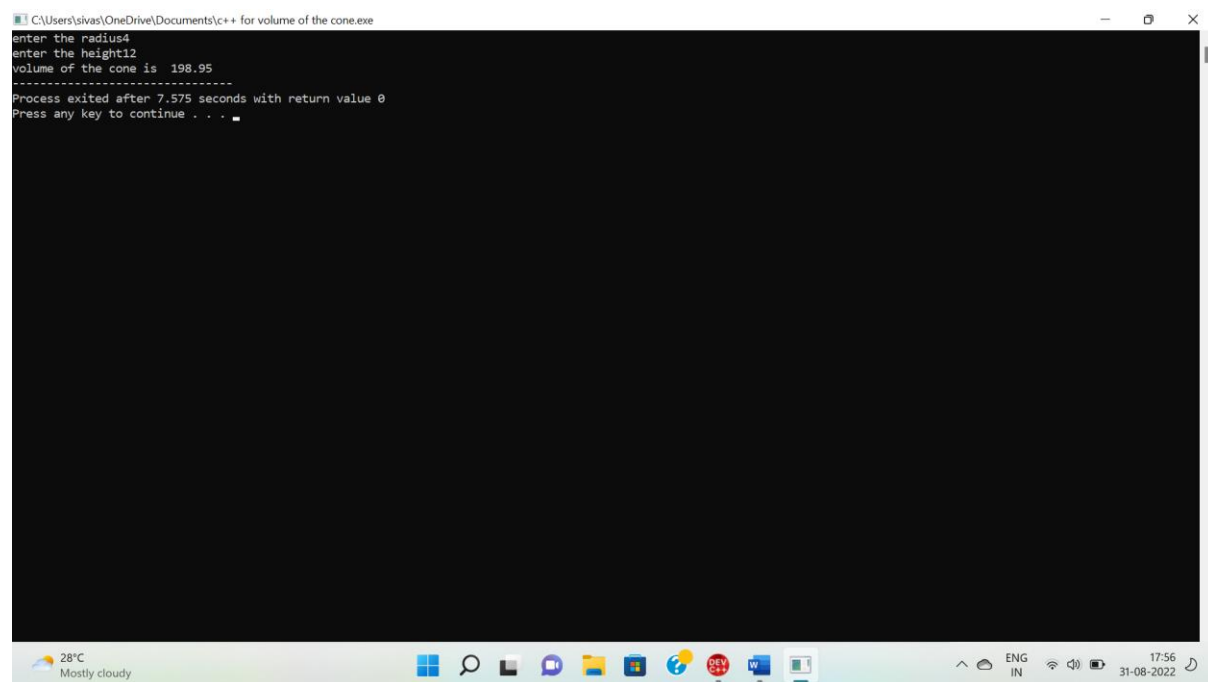
Output:-

Program:-3

```cpp
#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();
}
```
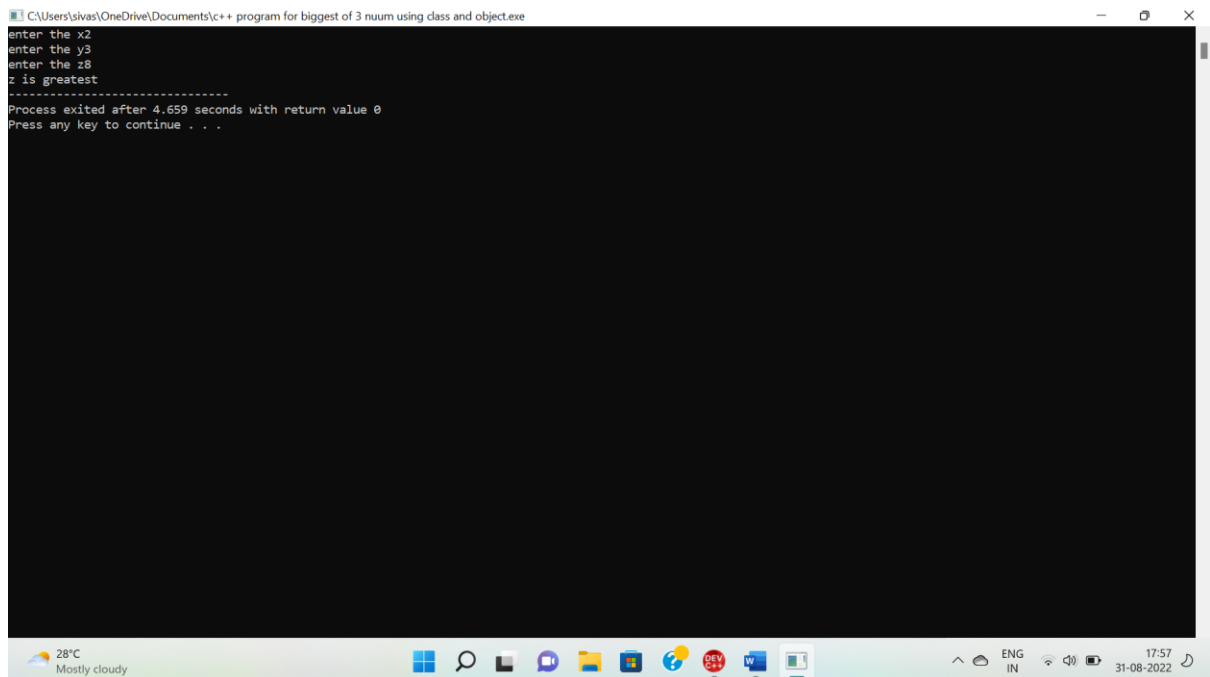
Output:-

Program:-4

```cpp
#include<iostream>
#include<math.h>
using namespace std;
class biggest
{
        int x,y,z;
        public:
                int getdata();
                int display();
};
int biggest::getdata()
{
        cout<<"enter the x";
        cin>>x;
        cout<<"enter the y";
```

```cpp
        cin>>y;
        cout<<"enter the z";
        cin>>z;
return 0;
}
int biggest::display()
{
        if(x>y&&x>z)
        {
                cout<<"x is greatest";
        }
        else if(y>x&&y>z)
        {
                cout<<"y is greatest";
        }
        else
        {
                cout<<"z is greatest";
        }
return 0;
}
int main()
{
        biggest b;
        b.getdata();
        b.display();
}
```

Output:-

enter the amount200000
enter the no.of years1
enter the rate of interst3
simple interst is 6000compound interst is 200000

Process exited after 8.882 seconds with return value 0
Press any key to continue . . .