

Program:-1

```
#include<iostream>

using namespace std;

int main()
{
    int x,y,z;

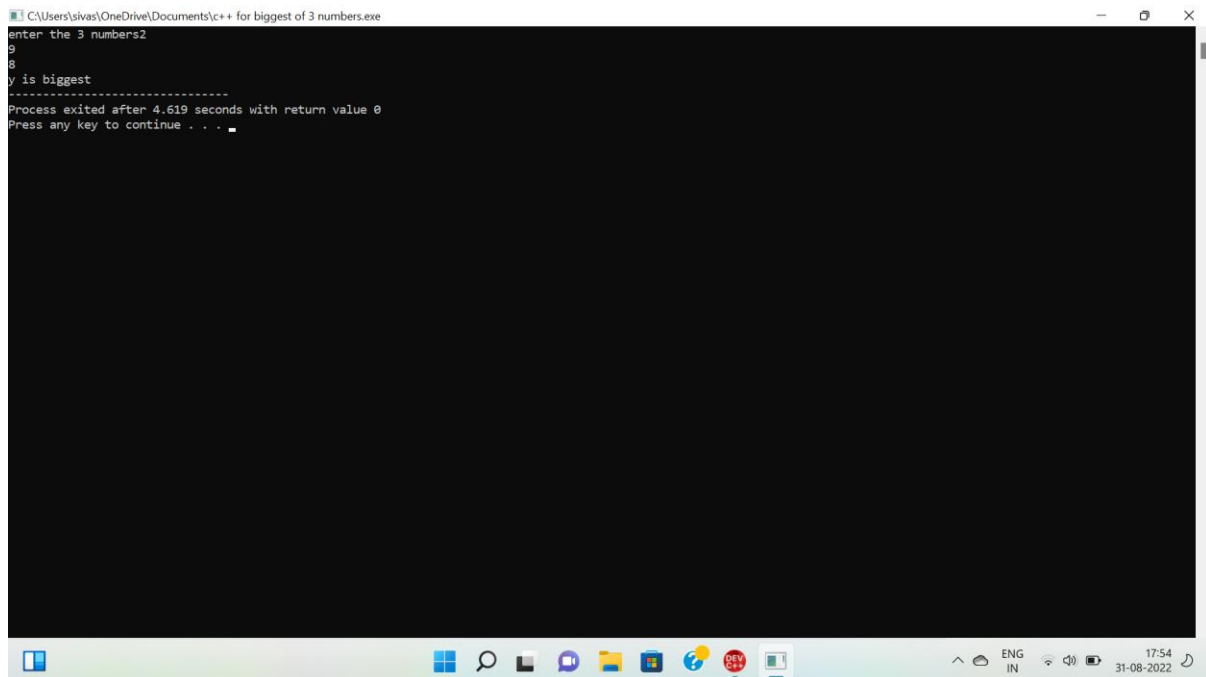
    cout<<"enter the 3 numbers";

    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:-



```
C:\Users\sivas\OneDrive\Documents\c++ for biggest of 3 numbers.exe
enter the 3 numbers2
9
8
y is biggest
-----
Process exited after 4.619 seconds with return value 0
Press any key to continue . . .
```

Program:-2

```
#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;
}

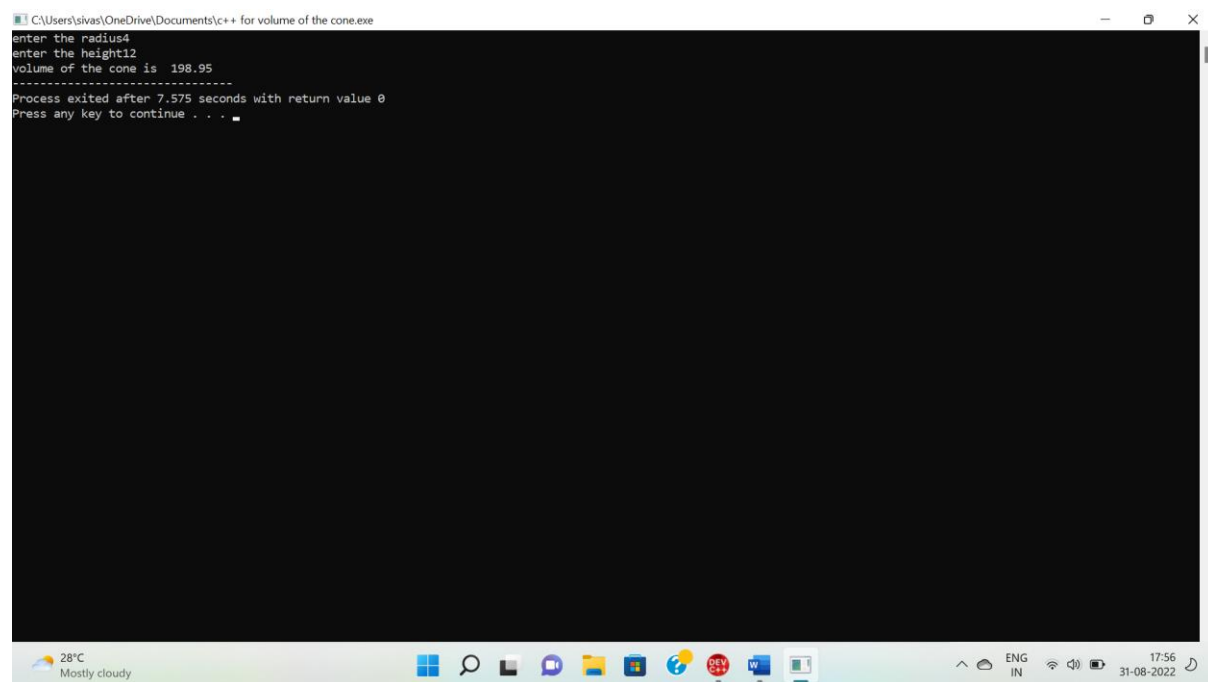
int main()
{
    volume v;

    v.getdata();

    v.display();
}

```

Output:-



```

C:\Users\sivas\OneDrive\Documents\c++ for volume of the cone.exe
enter the radius4
enter the height12
volume of the cone is 198.95
-----
Process exited after 7.575 seconds with return value 0
Press any key to continue . . .

```

Program:-3

```
#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);

}

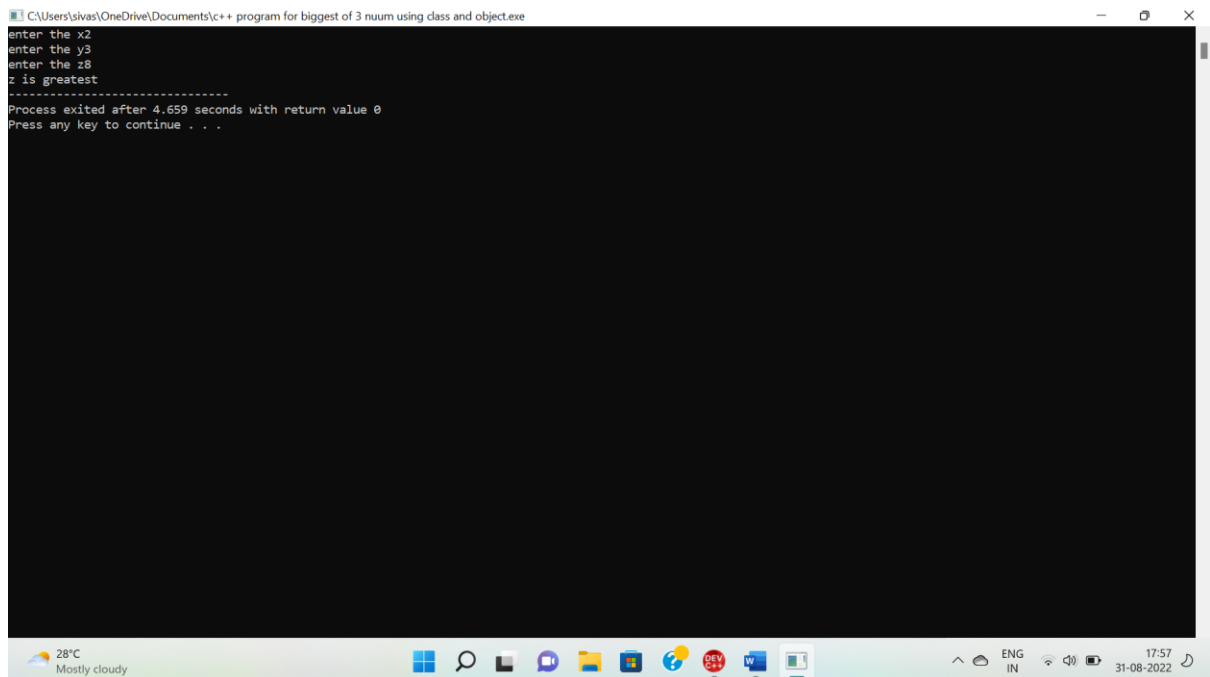
int main()
{
    interst i;

    i.getdata();

    i.display();

}
```

Output:-



A screenshot of a Windows command prompt window titled "C:\Users\sivas\OneDrive\Documents\c++ program for biggest of 3 num using class and object.exe". The window shows the following text: "enter the x2", "enter the y3", "enter the z8", "z is greatest", followed by a line of dashes. Below the dashes, it says "Process exited after 4.659 seconds with return value 0" and "Press any key to continue . . .". The window is set against a black background. At the bottom of the screen, the Windows taskbar is visible, showing the Start button, search icon, and several application icons. The system tray on the right shows the date and time as "17:57 31-08-2022" and the language as "ENG IN".

```
C:\Users\sivas\OneDrive\Documents\c++ program for biggest of 3 num using class and object.exe
enter the x2
enter the y3
enter the z8
z is greatest
-----
Process exited after 4.659 seconds with return value 0
Press any key to continue . . .
```

Program:-4

```
#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";
```

```

        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:-

```
C:\Users\sivas\OneDrive\Documents\c++ program for simple and compound interst.exe
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 . . .
```

