

Program:-1

```
#include<iostream>

using namespace std;

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

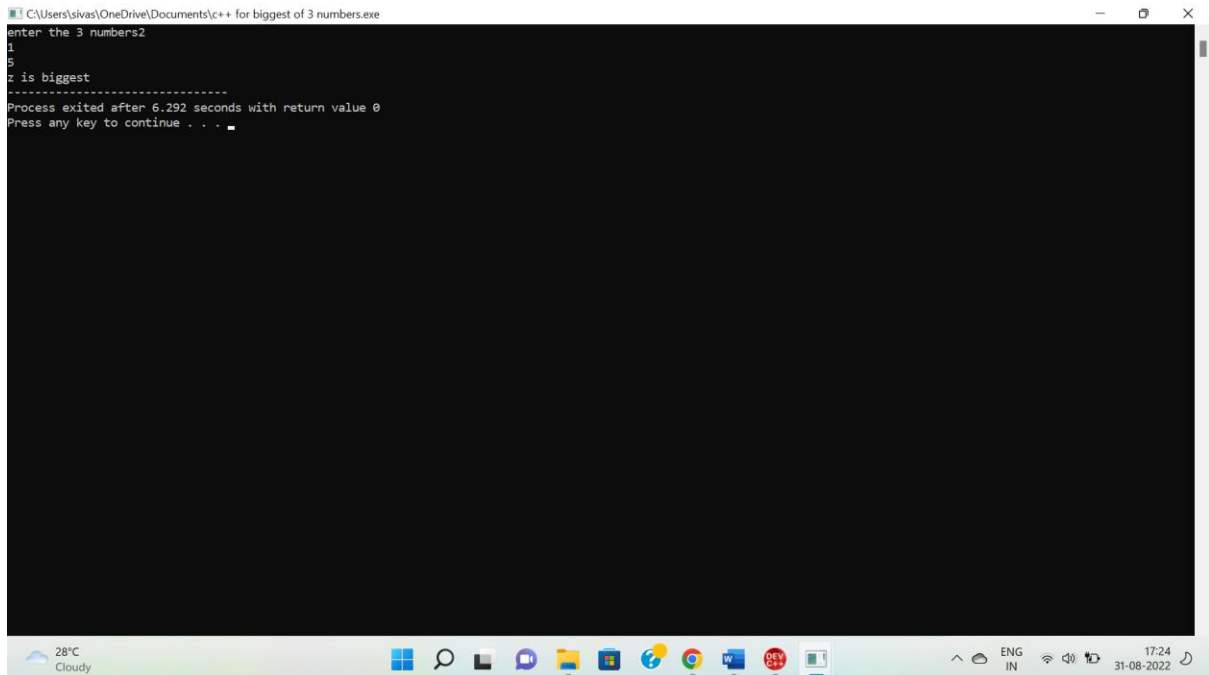
    cout<<"enter the 3 numbers";

    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
1
5
5
z is biggest
-----
Process exited after 6.292 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;
```

```

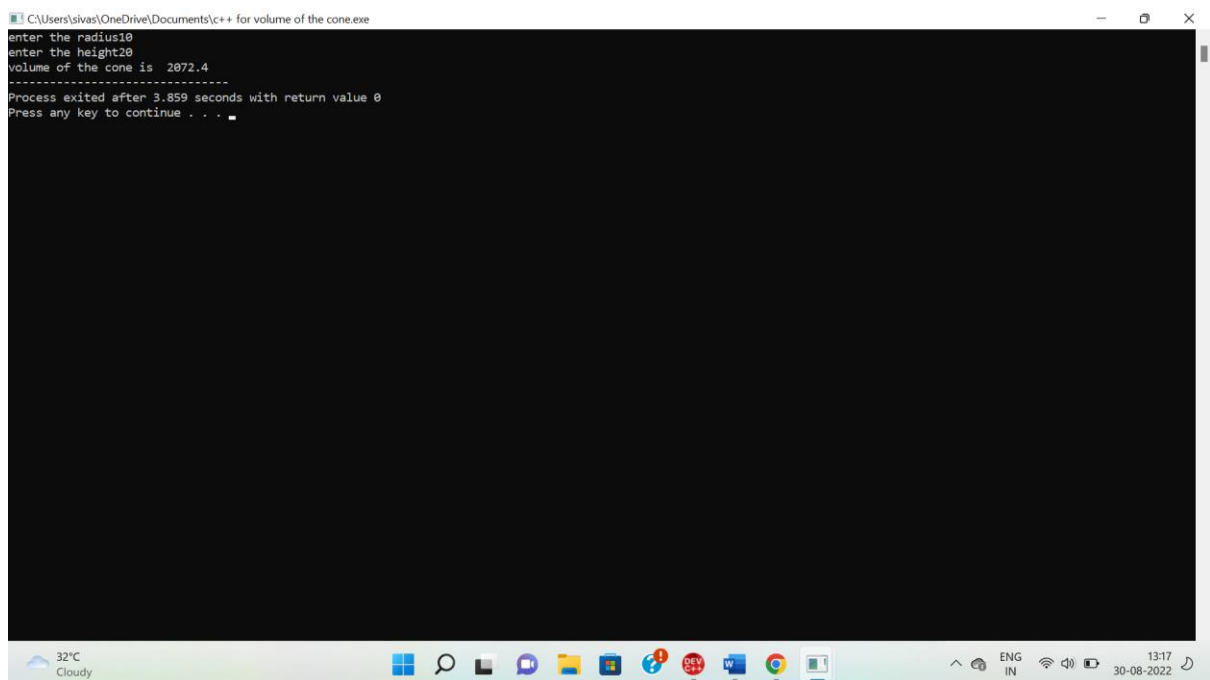
return 0;
}

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 radius10
enter the height20
volume of the cone is 2072.4
-----
Process exited after 3.859 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:-

```
C:\Users\sivas\OneDrive\Documents\c++ program for simple and compound interst.exe
enter the amount:10000
enter the no.of years:1
enter the rate of interst:2
simple interst is 200compound interst is 10000
-----
Process exited after 8.101 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 biggest of 3 num using class and object.exe
enter the x3
enter the y1
enter the z5
z is greatest
-----
Process exited after 7.844 seconds with return value 0
Press any key to continue . . .
```