

Program:1

```
#include<iostream>

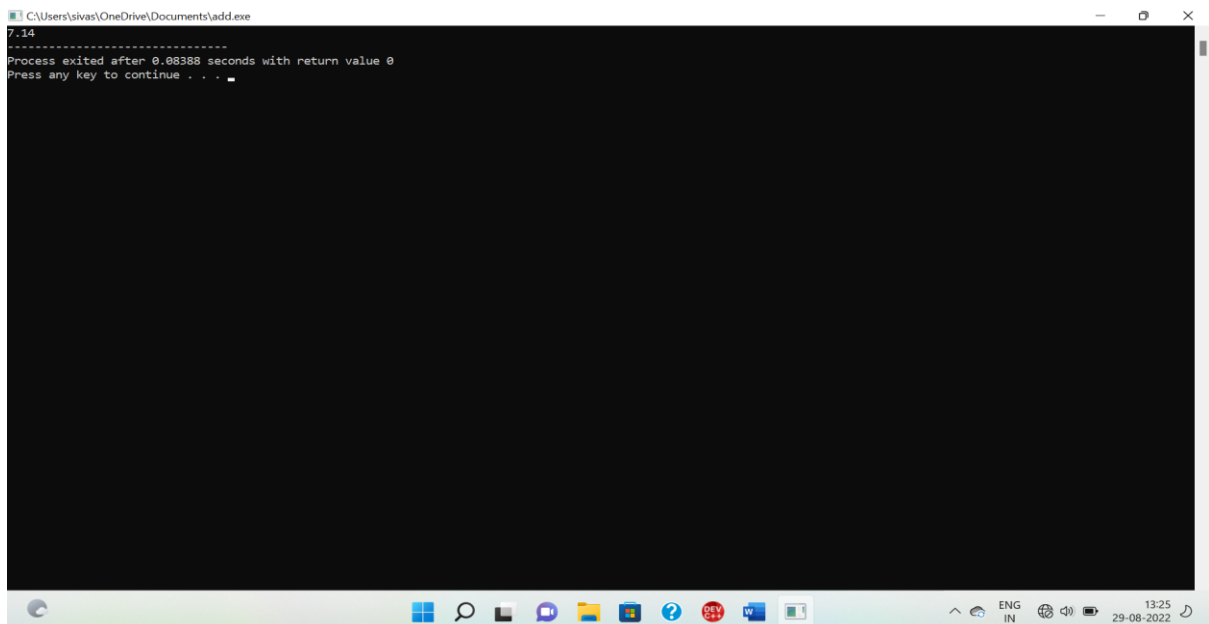
using namespace std;

int main()
{
    float x=3.14,y=4;

    cout<<x+y;

}
```

Output:-

A screenshot of a Windows command prompt window. The title bar shows the file path "C:\Users\sivas\OneDrive\Documents\add.exe". The window content displays the output of the program: "7.14" followed by a dashed line separator, "Process exited after 0.08388 seconds with return value 0", and "Press any key to continue . . .". The Windows taskbar is visible at the bottom, showing various application icons and the system clock indicating 13:25 on 29-08-2022.

```
C:\Users\sivas\OneDrive\Documents\add.exe
7.14
-----
Process exited after 0.08388 seconds with return value 0
Press any key to continue . . .
```

Program:2

```
#include<iostream>

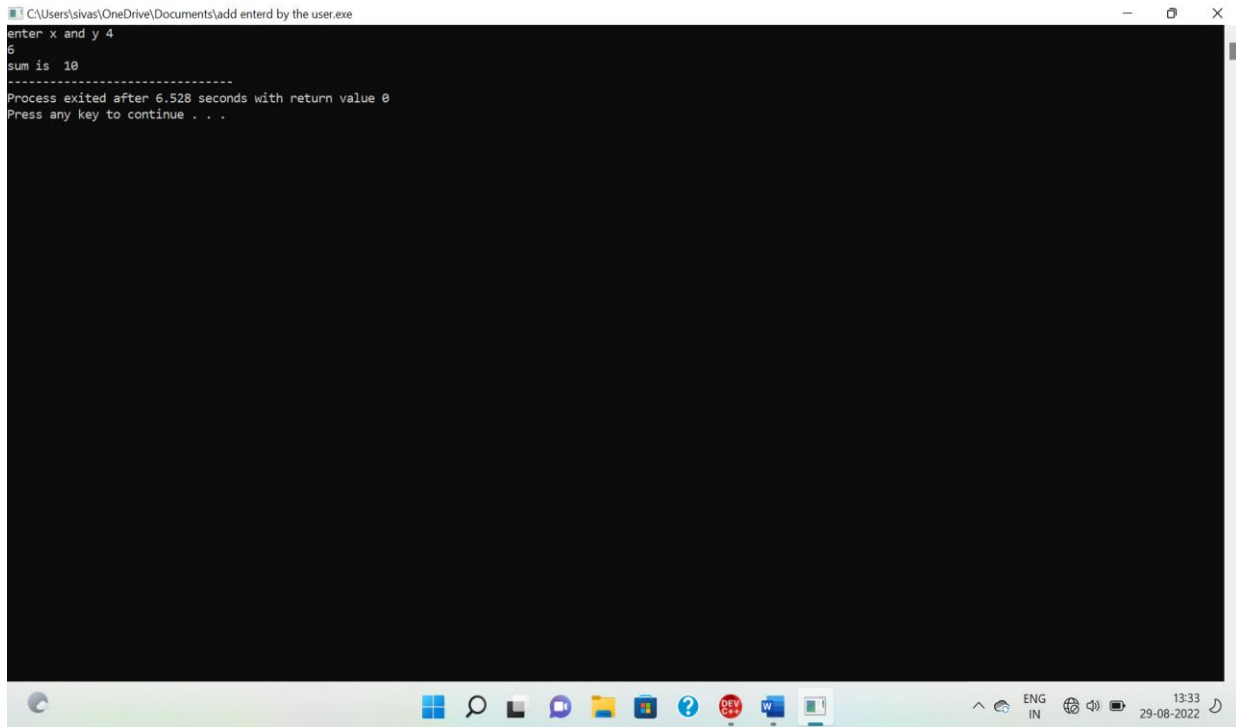
using namespace std;

int main()
{
    int x,y;

    cout<<"enter x and y";
```

```
cin>>x>>y;  
  
cout<<"sum is "<<x+y;  
  
}
```

Output:-



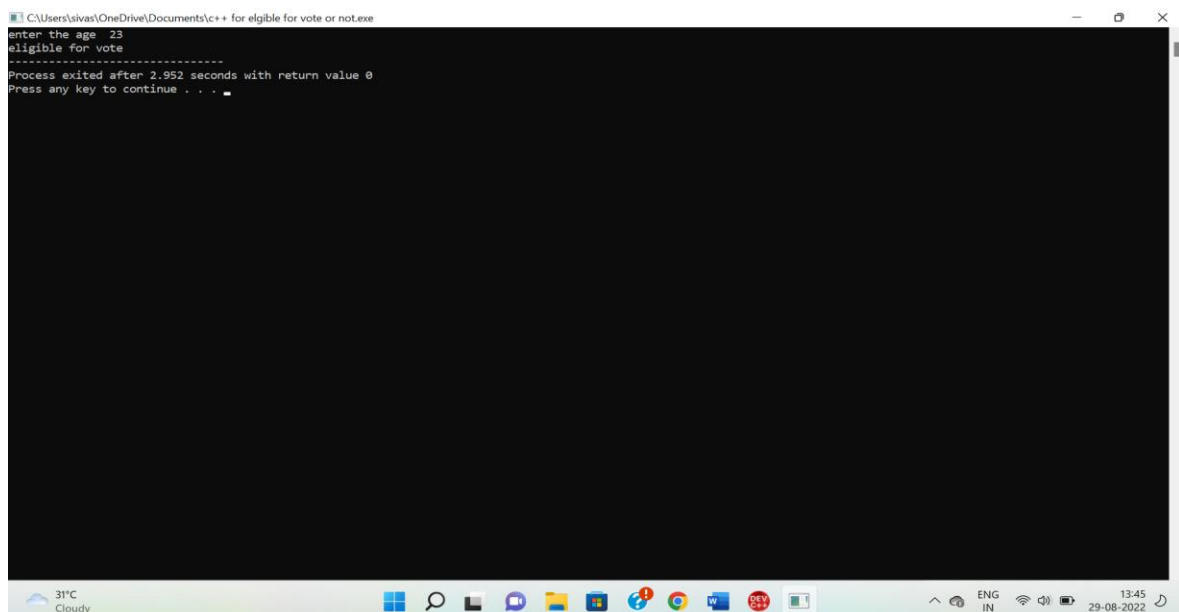
```
C:\Users\sivas\OneDrive\Documents\add entered by the user.exe  
enter x and y 4  
6  
sum is 10  
-----  
Process exited after 6.528 seconds with return value 0  
Press any key to continue . . .
```

Program:3

```
#include<iostream>  
  
using namespace std;  
  
int main()  
{  
  
int age;  
  
cout<<"enter the age ";  
  
cin>>age;  
  
if(age>0&&int(age))  
{
```

```
if(age>=18)
{
    cout<<"eligible for vote";
}
else
{
    cout<<"not eligible for vote";
}
}
else
{
    cout<<"not accepted";
}
return 0;
}
```

Output:-



```
C:\Users\sivas\OneDrive\Documents\c++ for eligible for vote or not.exe
enter the age 23
eligible for vote
-----
Process exited after 2.952 seconds with return value 0
Press any key to continue . . .
```

Program:4

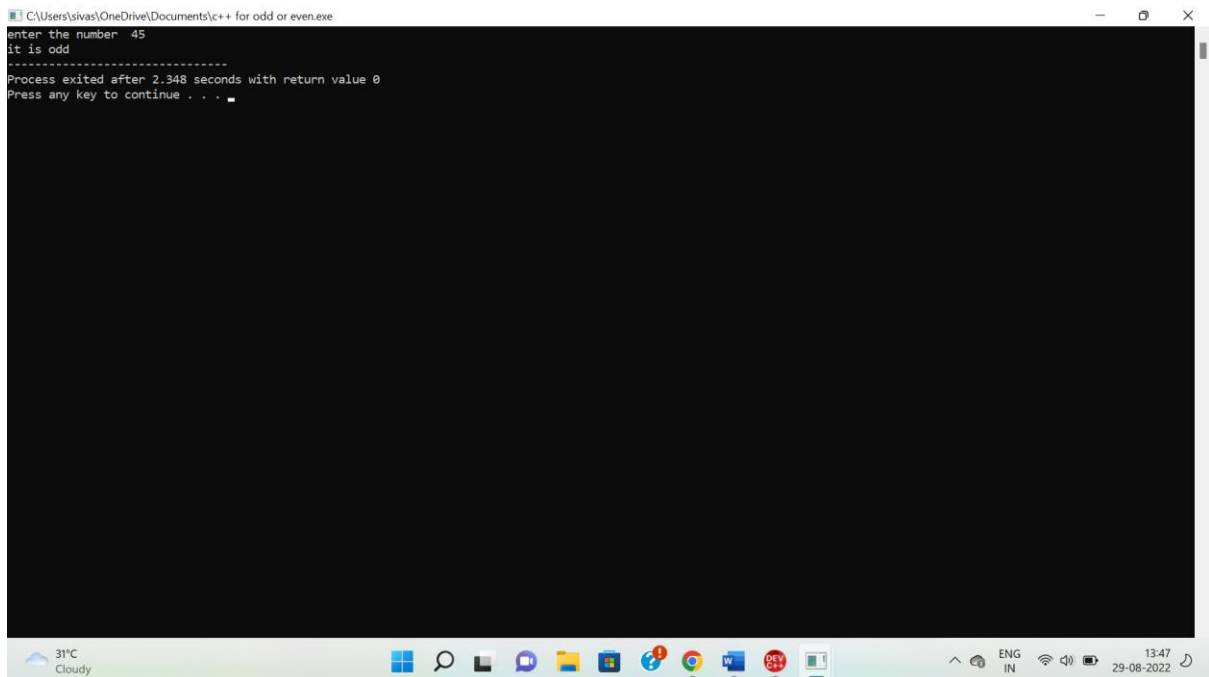
```
#include<iostream>

using namespace std;

int main()
{
    int num;
    cout<<"enter the number ";
    cin>>num;
    if(int(num))
    {
        if(num%2==0)
        {
            cout<<"it is even";
        }
        else
        {
            cout<<"it is odd";
        }
    }
    else
    {
        cout<<"it is not accepted";
    }
    return 0;
```

```
}
```

Output:-



```
C:\Users\sivas\OneDrive\Documents\c++ for odd or even.exe
enter the number 45
it is odd
-----
Process exited after 2.348 seconds with return value 0
Press any key to continue . . .
```

Program:5

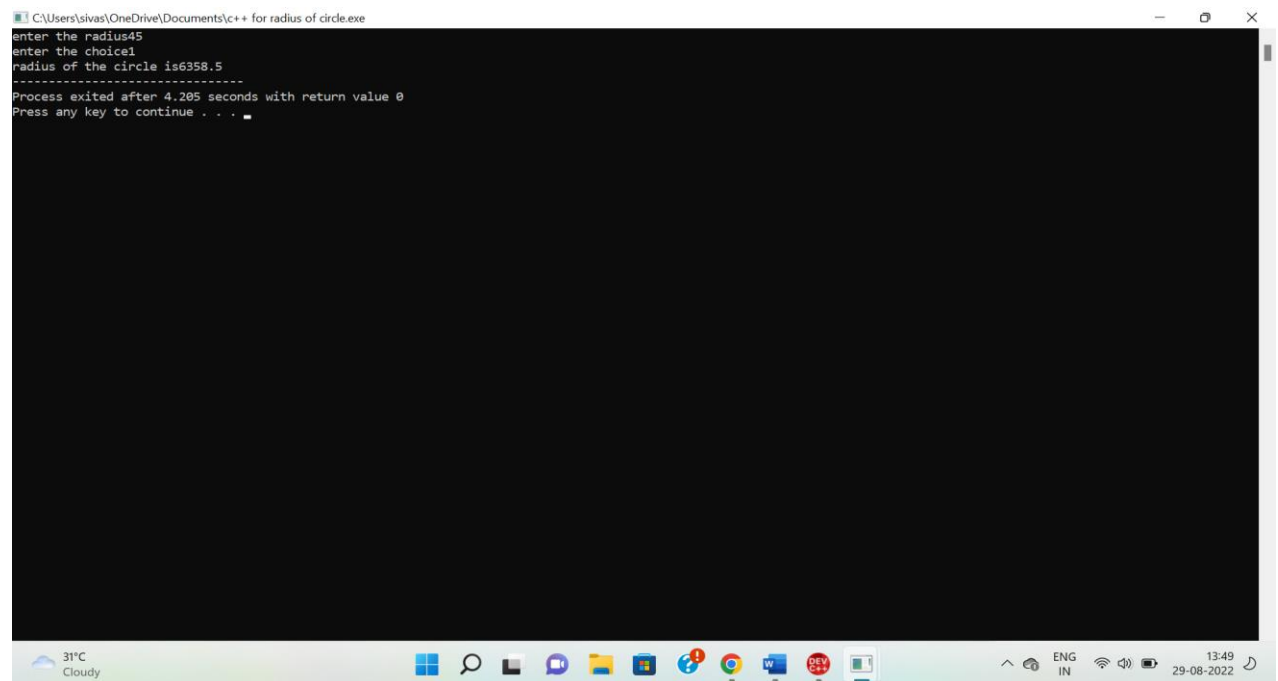
```
#include<iostream>

using namespace std;

int main()
{
    int choice;
    float radius;
    cout<<"enter the radius";
    cin>>radius;
    cout<<"enter the choice";
    cin>>choice;
    switch(choice)
    {
```

```
        case 1:
            {
                cout<<"radius of the circle
is"<<3.14*radius*radius;
            }
            break;
        case 2:
            {
                cout<<"circumference of the circle
is"<<2*3.14*radius;
            }
            break;
        default:
            cout<<"enter the valid choice";
    }
    return 0;
}
```

Output:-



```
C:\Users\sivas\OneDrive\Documents\c++ for radius of circle.exe
enter the radius45
enter the choice1
radius of the circle is6358.5
.....
Process exited after 4.205 seconds with return value 0
Press any key to continue . . .
```

The screenshot shows a Windows 10 desktop environment. At the top, a command prompt window is open, displaying the execution of a C++ program. The program prompts the user to enter a radius and a choice. The user enters '45' for the radius and '1' for the choice. The program outputs 'radius of the circle is6358.5' followed by a series of dots. Below this, it states 'Process exited after 4.205 seconds with return value 0' and 'Press any key to continue . . .'. The Windows taskbar is visible at the bottom, showing the Start button, search icon, and several application icons including File Explorer, Microsoft Edge, and Word. The system tray on the right shows the date and time as 13:49 on 29-08-2022, along with network and volume icons.