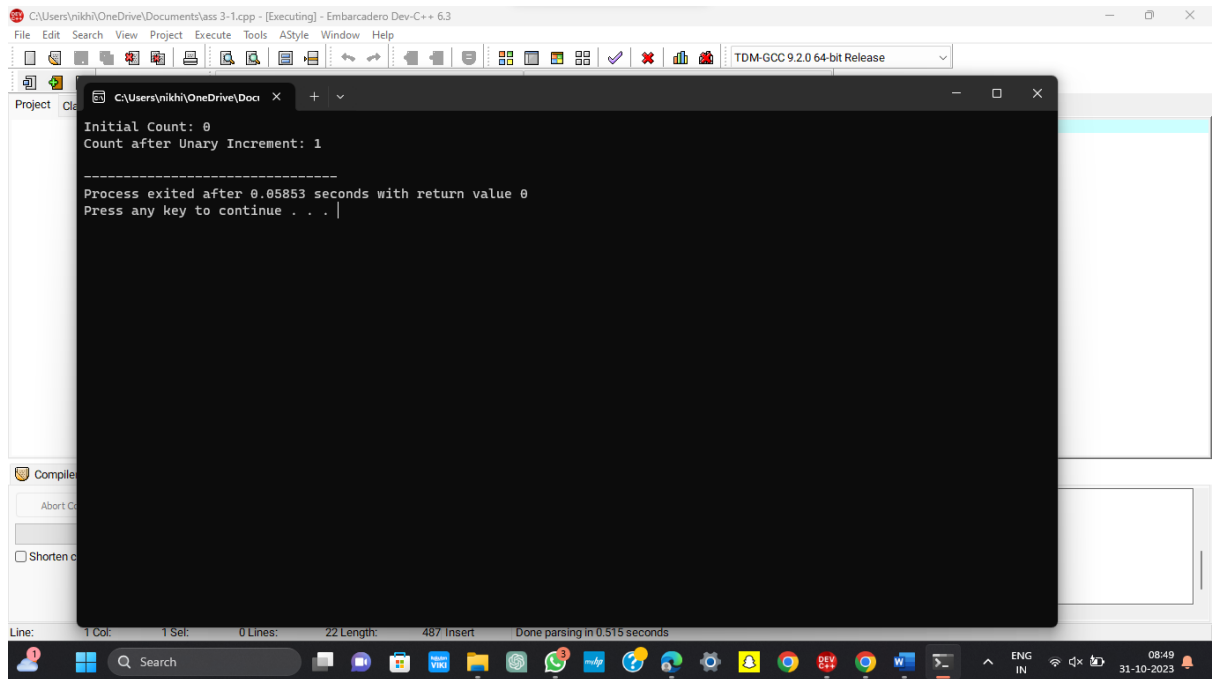


NAME: RADHA SAI NIKHITA

REG NO: 192110656

1. Write a C++ program to demonstrate the overloading of a unary operator.

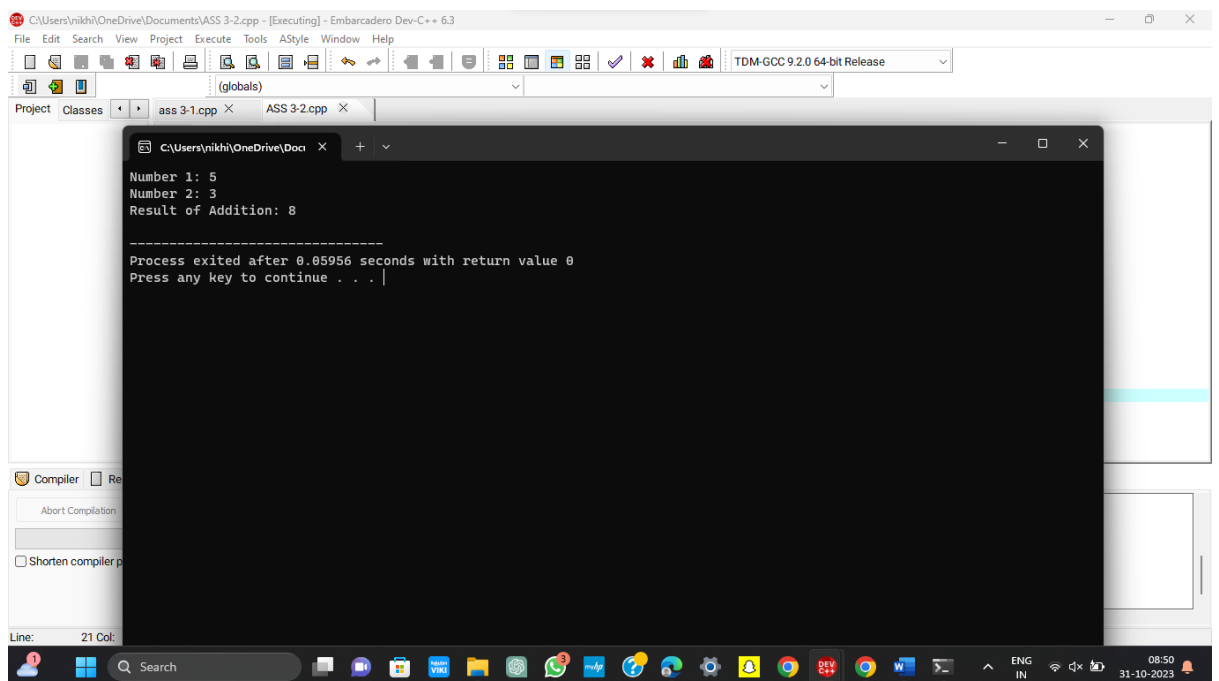


The screenshot shows the Embarcadero Dev-C++ 6.3 IDE. The main window displays the output of a C++ program. The output text is as follows:

```
Initial Count: 0  
Count after Unary Increment: 1  
  
-----  
Process exited after 0.05853 seconds with return value 0  
Press any key to continue . . . |
```

The IDE interface includes a menu bar (File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help), a toolbar, and a status bar at the bottom showing the current line and column (Line: 1, Col: 1).

2. Write a C++ program to demonstrate the overloading of a binary operator.



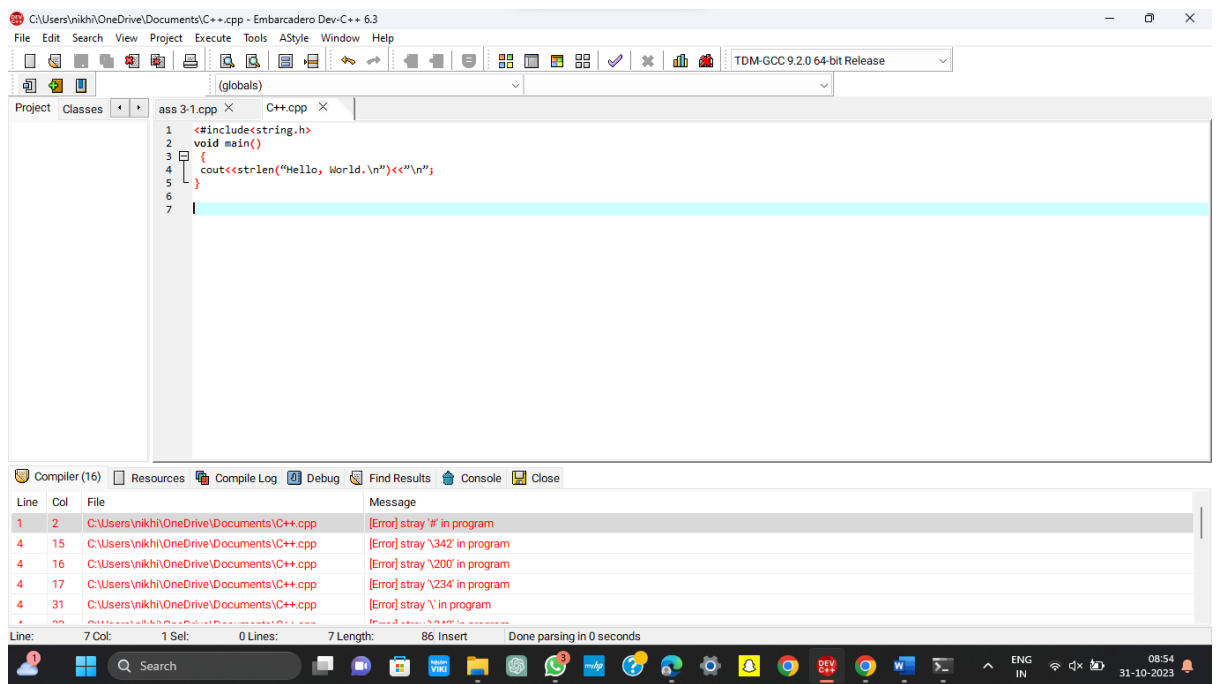
The screenshot shows the Embarcadero Dev-C++ 6.3 IDE. The main window displays the output of a C++ program. The output text is as follows:

```
Number 1: 5  
Number 2: 3  
Result of Addition: 8  
  
-----  
Process exited after 0.05956 seconds with return value 0  
Press any key to continue . . . |
```

The IDE interface includes a menu bar (File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help), a toolbar, and a status bar at the bottom showing the current line and column (Line: 21, Col: 1).

3. What is the output of the following code? `#include<iostream.h>#include<string.h>`

```
void main()
{
    cout<<strlen("Hello, World.\n")<<"\n";
}
```



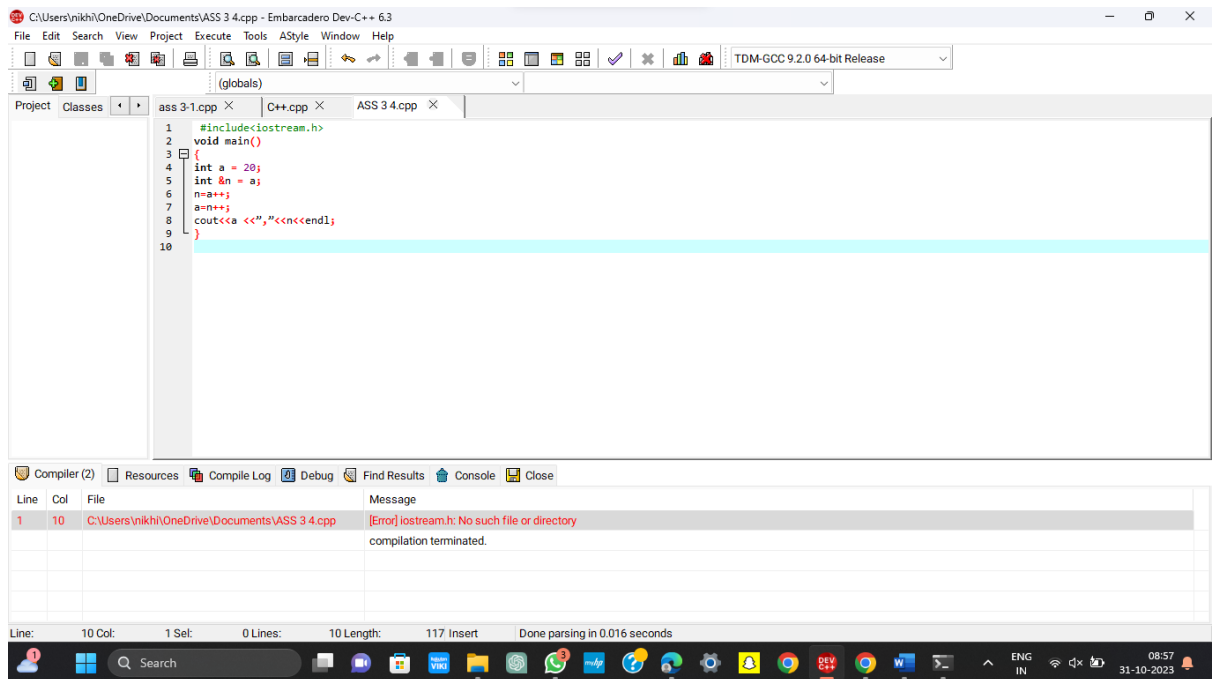
4. What is the output of the following code?

```
#include<iostream.h>
void main()
{
```

```

int a = 20;
int &n = a;
n=a++;
a=n++;
cout<<a <<" "<<n<<endl; }

```



5. Write down a C++ program to implement function overloading.

