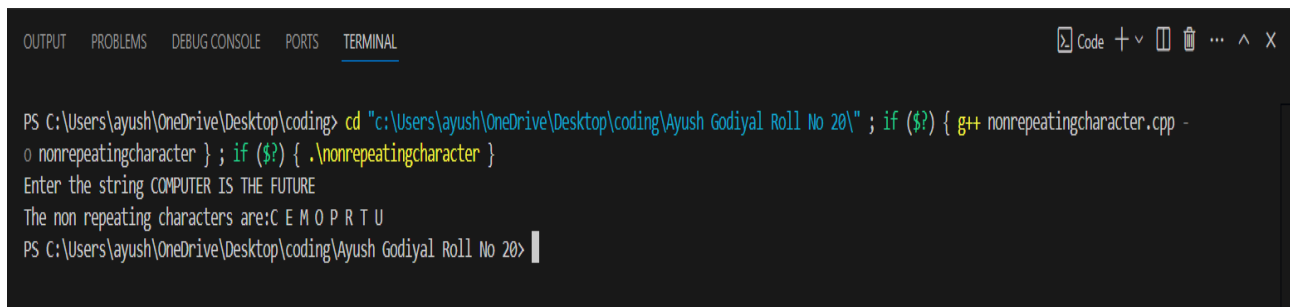


3. Write the C++ program to find the number of non repeating character in the given string.

#### SOURCE CODE:

```
#include<iostream>
#include<string>
using namespace std;
int main()
{
    char str[100];
    int i;
    int freq[256]={0};
    cout<<"Enter the string";
    cin>>str;
    for(i=0;str[i]!='\0';i++)
    {
        freq[str[i]]++;
    }
    cout<<"The non repeating characters are:";
    for(i=0;i<256;i++)
    {
        if(freq[i]==1)
        {
            cout<<char(i)<<" ";
        }
    }
    return 0;
}
```

A screenshot of a Windows command prompt window. The title bar shows 'Code' and standard window controls. The command prompt shows the following sequence of commands and output:  
PS C:\Users\ayush\OneDrive\Desktop\coding> cd "c:\Users\ayush\OneDrive\Desktop\coding\Ayush Godiyal Roll No 20\" ; if (\$?) { g++ nonrepeatingcharacter.cpp -o nonrepeatingcharacter } ; if (\$?) { .\nonrepeatingcharacter }  
Enter the string COMPUTER IS THE FUTURE  
The non repeating characters are:C E M O P R T U  
PS C:\Users\ayush\OneDrive\Desktop\coding\Ayush Godiyal Roll No 20> |