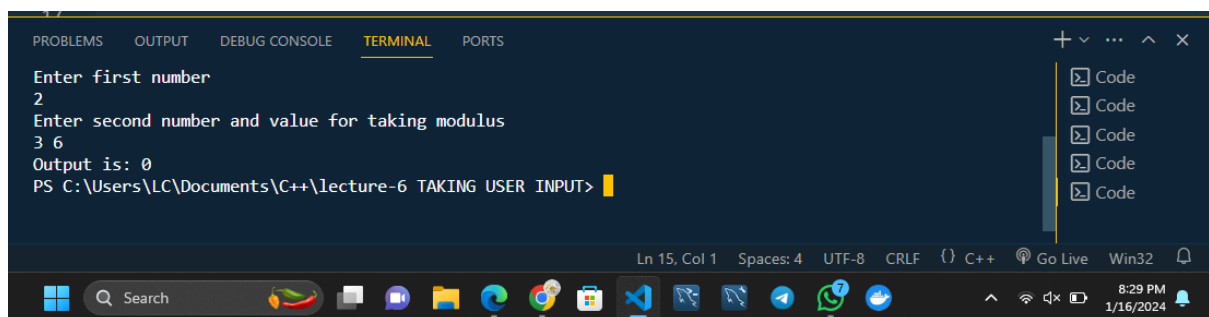# Assignment : L2(Solutions)
OUTPUT & VARIABLES

Ques-1 Find the output for this code. Let input:- 2 3 6

```cpp
#include <iostream>
using namespace std;
int main()
{
int x;
cout << "Enter first number\n";
cin >> x; // user will give 'x' a value.
int y, m;
cout << "Enter second number and value for taking modulus\n";
cin >> y >> m;
int Z = (x * y) % m;
cout << "Output is: " << Z;
}
```
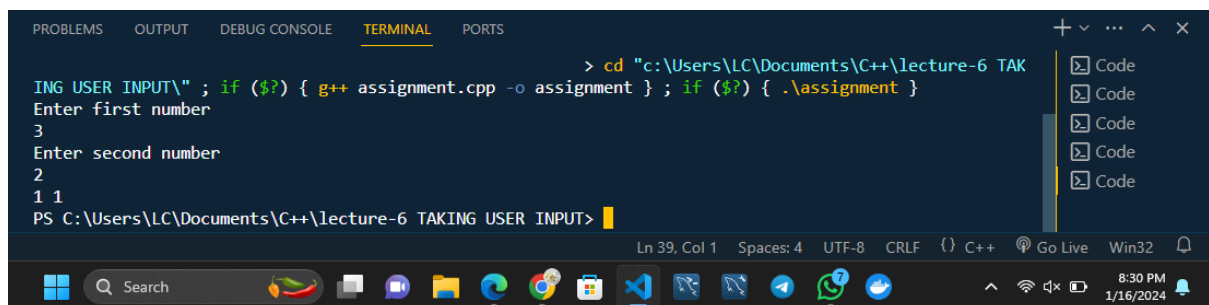
Answer:

Ques-2 Find the output for this code. Let input:- 3 2
#include <iostream>
using namespace std;
int main()
{
int x;
cout<<"Enter first number\n";
cin>>x; // user will give 'x' a value.
int y;
cout<<"Enter second number\n";
cin>>y; // user will give 'y' a value.
cout<<(x!=y)<<" "<<(x>=y);
}
Answer:


```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS
                                    > cd "c:\Users\LC\Documents\C++\lecture-6 TAK
ING USER INPUT\" ; if ($?) { g++ assignment.cpp -o assignment } ; if ($?) { .\assignment }
Enter first number
3
Enter second number
2
1 1
PS C:\Users\LC\Documents\C++\lecture-6 TAKING USER INPUT>
```

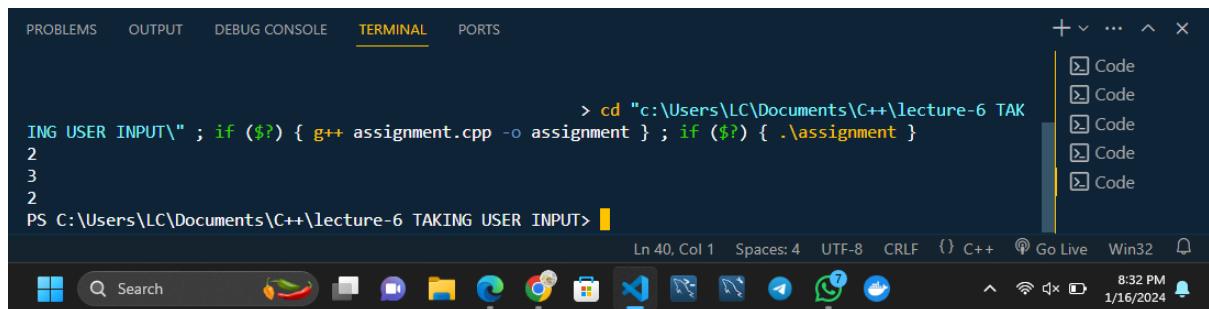Ques-3 Find the output for this code. Let input:- 2 3
#include <iostream>
using namespace std;
int main()
{
int x,y;
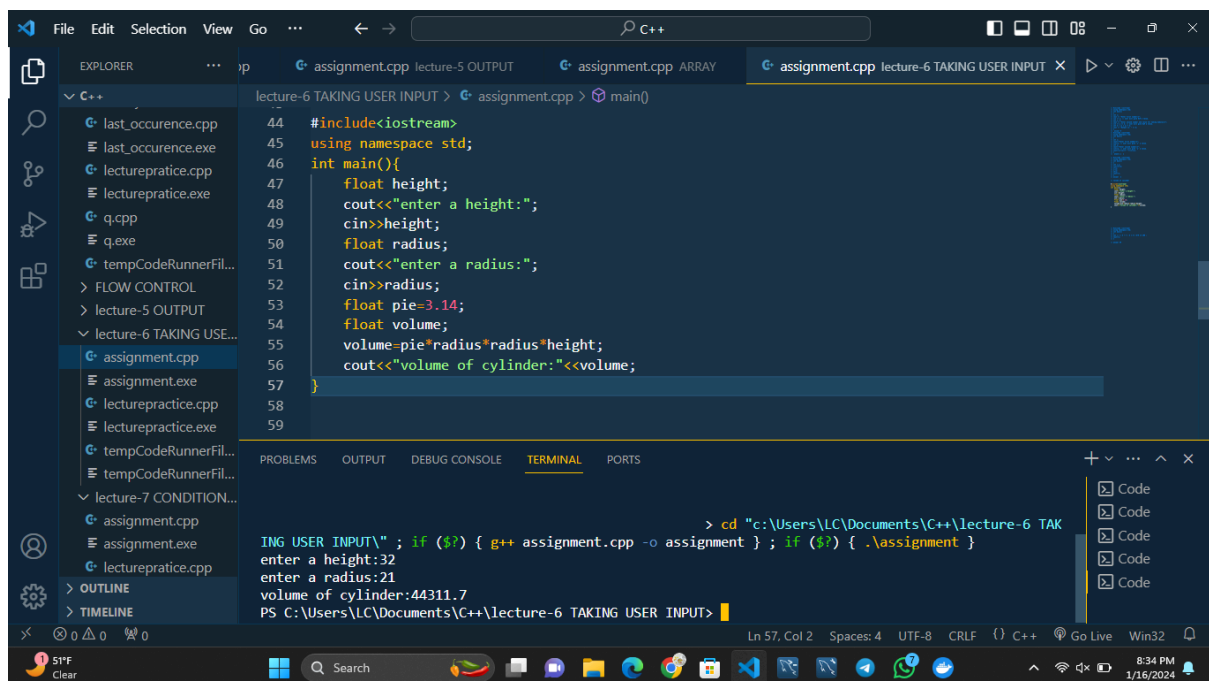cin>>x>>y;
x+=y;

```cpp
x-=y;
x%=y;
cout<<x;
}
```

Answer:

Ques-4 WAP for finding the volume of the cylinder by taking radius and height as input.

Answer:
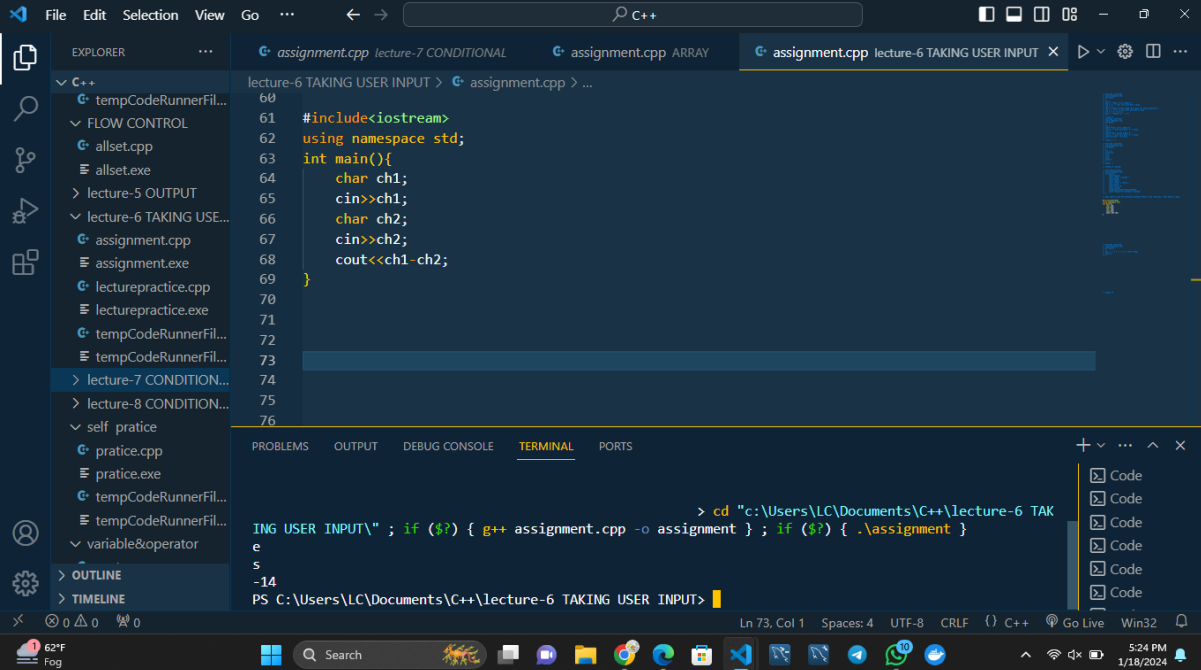
Ques-5 WAP to find the difference between ASCII of two characters ,take them as input .

```cpp
#include<iostream>
using namespace std;
int main(){
    char ch1;
    cin>>ch1;
    char ch2;
    cin>>ch2;
    cout<<ch1-ch2;
}
```
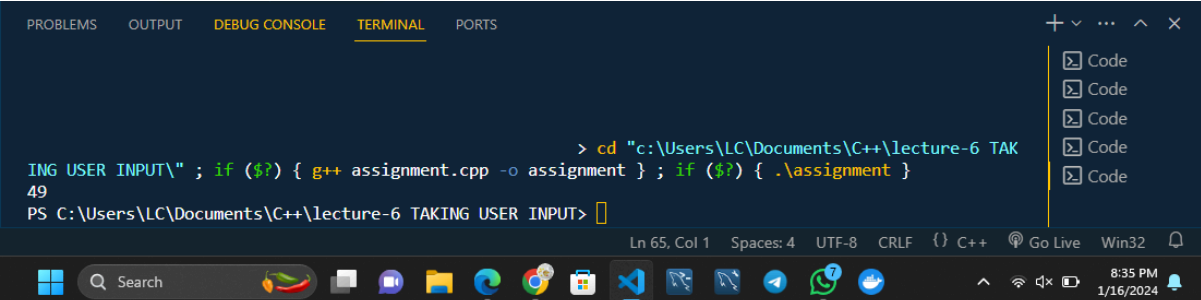
Terminal output:
```
> cd "c:\Users\LC\Documents\C++\lecture-6 TAK
ING USER INPUT\" ; if ($?) { g++ assignment.cpp -o assignment } ; if ($?) { .\assignment }
e
s
-14
PS C:\Users\LC\Documents\C++\lecture-6 TAKING USER INPUT>
```

Ques:6 Find the output of the below code:

```cpp
#include <iostream>
using namespace std;
int main()
{
int i = ( 4 + 7 / 5 * 6 * 6+9 )% 100 ;
cout<<i;
}
```

Terminal output:
```
> cd "c:\Users\LC\Documents\C++\lecture-6 TAK
ING USER INPUT\" ; if ($?) { g++ assignment.cpp -o assignment } ; if ($?) { .\assignment }
49
PS C:\Users\LC\Documents\C++\lecture-6 TAKING USER INPUT>
```