Assignment-2

Q1. Find the output for this code. **Let input:- 2 3 6**

```
#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; // user will give ‘y’ a value.
int Z = (x * y) % m;
cout << "Output is: " << Z;
}
```

Answer:

Enter first number
2
Enter second number and value for taking modulus
3 6
Output is: 0

Q2. 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:

Enter first number

3
Enter second number
2
1 1

Q3. Find the output for this code. **Let input:- 2 3**

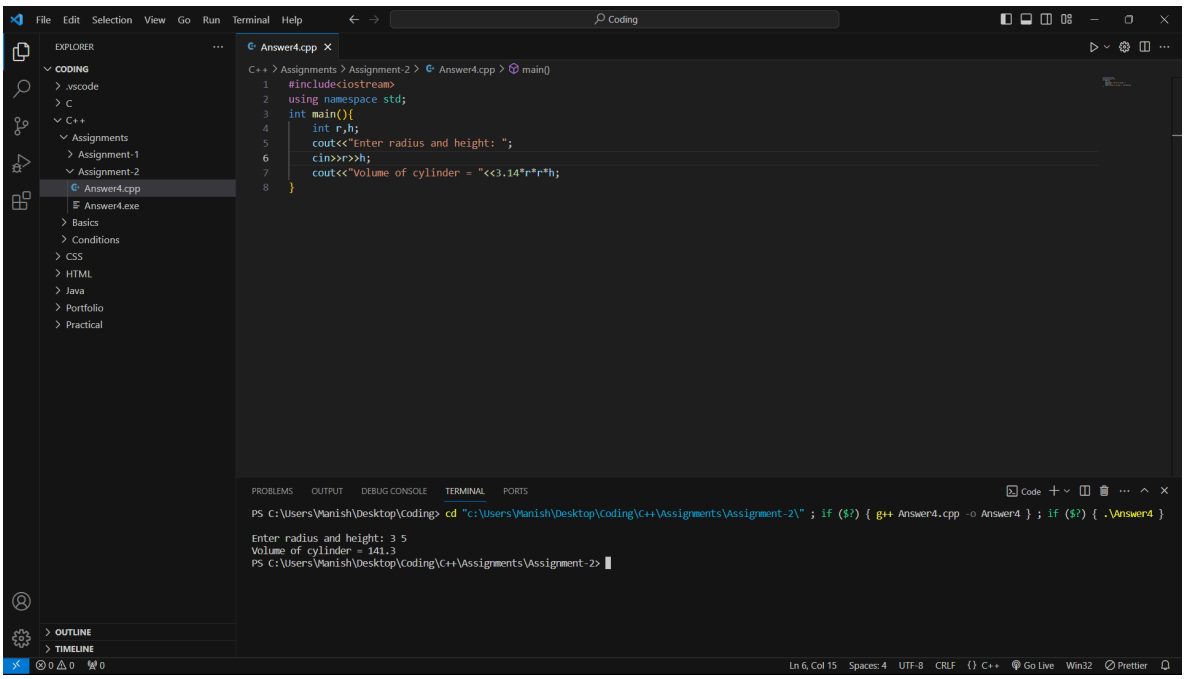
```
#include <iostream>
using namespace std;
int main()
{
int x,y;
cin>>x>>y;
x+=y;
x-=y;
x%=y;
cout<<x;
}
```

Answer:

2 3
2

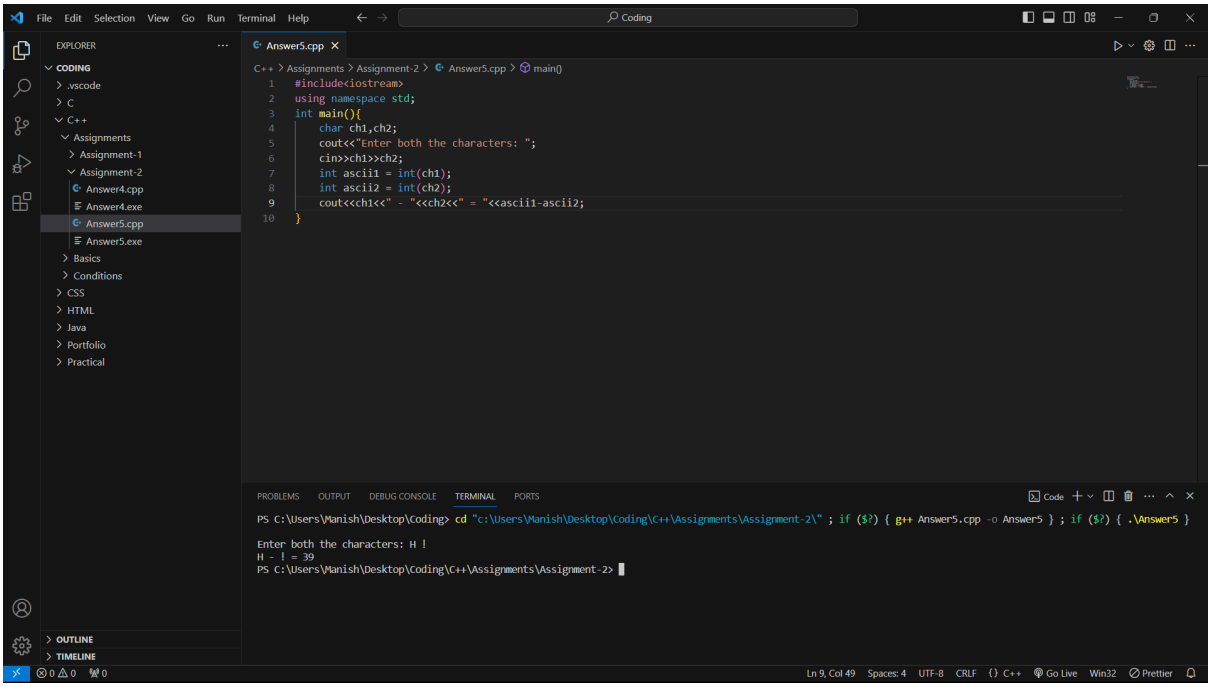
Q4. WAP for finding the volume of the cylinder by taking radius and height as input.

Answer:



Q5. WAP to find the difference between ASCII of two characters ,take them as input .

Answer:



Q6. Find the output of the below code

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

Answer:

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