



C++ Assignments 2 | Week1

1. 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. x=2
    int y, m;
    cout << "Enter second number and value for taking modulus\n";
    cin >> y >> m; // user will give 'y' a value. y=3 and m=6
    int Z = (x * y) % m; z=(2*3)%6=>6%6=> 0
    cout << "Output is: " << Z; output is = 0
}
```

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. x=3
    int y;
    cout<<"Enter second number\n";
    cin>>y; // user will give 'y' a value. y=2
    cout<<(x!=y)<<" "<<(x>=y); output = 1 1
}
```

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=2 y=3
    x+=y; x=x+y => 2+3 =5
    x-=y; x=x-y=> 5-3=2
    x%=y; x=x%y=>2%3 x=2
    cout<<x; output =2
}
```

4. WAP for finding the volume of the cylinder by taking radius and height as input.
5. WAP to find the difference between ASCII of two characters ,take them as input .
6. Find the output of the below code

```
#include <iostream>

using namespace std;

int main()
{
    int i = ( 4 + 7 / 5 * 6 * 6+9 )% 100 ; (4+1*6*6+9)%100=> (4+36+9)%100
    cout<<i; i=49 => 49%100=>49
}
```

Note:- Please try to invest time doing the assignments which are necessary to build a strong foundation. Do not directly Copy Paste using Google or ChatGPT. Please use your brain 😊.
