Assignments2 | week1

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

}
```

Answer =>

Output = 0

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

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

Answer :-

1 1 (output)

```cpp
#include <iostream>

using namespace std;

int main()
{
    int x,y;
    cin>>x>>y;
    x+=y;
    x-=y;
    x%=y;
    cout<<x;
}
```

Answer:-

Input 2,3

Output 2

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;
}
```

Answer:-

Output 49