# 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;

}
```

Solution:- 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);
}
```
Solution:- 1 1

## 3. Find the output for this code. Let input:- 2 3
```cpp
#include <iostream>

using namespace std;

int main()
{
int x,y;
cin>>x>>y;
```

```
  x+=y;
  x-=y;
  x%=y;
  cout<<x;
 }
```
Solution:- 2

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

```cpp
#include<iostream>

using namespace std;

int main(){

cout<<"Enter the radius :";

int radius;

double volume;

cin>>radius;

cout<<"Enter the Height :";

int height;

cin>>height;

volume=3.14*height*radius*radius;

cout<<"Volume of Cylinder is "<<volume<<endl;

return 0;

}
```

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

```cpp
#include<iostream>
```

```cpp
#include<iostream>

using namespace std;

int main(){

char ch1,ch2;

cout<<"Enter the character :"<<endl;

cin>>ch1>>ch2;

cout<<"Differences is :"<<ch1-ch2<<endl;

}
```

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;
}
```
Solution:-49