

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.
    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

```
#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

```
#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.

Solution:-

```
#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 .

```
#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

```
#include <iostream>

using namespace std;

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

Solution:- 49