

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;
}
```

Output:

Enter first number

2

Enter second number and value for taking modulus

3 6

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

Output:

Enter first number

3

Enter second number

2

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;
}

```

Output:

```

2 3
2

```

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

```

#include <iostream>
using namespace std;
int main() {
    int r,h;
    cout<<"enter radius : ";
    cin>>r;
    cout<<"enter height : ";
    cin>>h;
    float volume;
    volume=3.14*r*r*h;
    cout<<volume;
}

```

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

```

#include <iostream>
using namespace std;
int main() {
    char ch1;
    cout<<"enter 1st character : ";
    cin>>ch1;
    char ch2;
    cout<<"enter 2nd character : ";
}

```

```
cin>>ch2;  
cout<<ch1-ch2;  
}
```

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;  
}
```

Output:

49