

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;
}
```

Ans:

```
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);
}

```

Ans :

```

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;
}

```

Ans:

```

enter the number
2
3
output is : 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,volume;
    cout<<"enter the radius";
    cin>>r;
    cout<<"enter the height"<<endl;
    cin>>h;
    volume=3.14*r*r*h;
    cout<<"volume is:"<<volume;

}
```

Ans:

```
enter the radius
7
enter the height
5
volume is:769|
```

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

```
#include <iostream>
using namespace std;
int main()
{
    char a,b;
    cout<<"enter the character";
    cin>>a>>b;
    int ans=(int)(b-a);
    cout<<"output is:"<<ans;

}
```

Ans:

```
enter the character  
A  
C  
output is:2|
```

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;  
}
```

Ans: 49