**C++ Assignments 2 | Week1**

Q1 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 maodulus : 3 6

Output is : 0

Q2 .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

Output is : 1 1

Q3. 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 : 2

Q4 .WAP for finding the volume of the cylinder by taking radius and height as input.

ANS:#include <iostream>

using namespace std;

int main()

{

Cout <<” enter the radius”;

int r ;

cin>> r;

Cout <<” enter the height ”;

int h ;

cin>> h;

Float pi=3.14;

Float v= pi\*r\*r\*h

cout<<v;

}

. Q6. 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 : 0