

1. Find the output for this code. Let input:- 2 3 6

main.cpp	Output
<pre>1 #include <iostream> 2 using namespace std; 3 int main() 4 { 5 int x; 6 cout << "Enter first number\n"; 7 cin >> x; // user will give 'x' a value. 8 int y, m; 9 cout << "Enter second number and value for taking modulus\n"; 10 cin >> y >> m; // user will give 'y' a value. 11 int Z = (x * y) % m; 12 cout << "Output is: " << Z; 13 }</pre>	<pre>/tmp/OZ9MZNifm9.o Enter first number 2 Enter second number and value for taking modulus 3 6 Output is: 0 === Code Execution Successful ===</pre>

2. Find the output for this code. Let input:- 3 2

main.cpp	Output
<pre>1 #include <iostream> 2 using namespace std; 3 int main() 4 { 5 int x; 6 cout<<"Enter first number\n"; 7 cin>>x; // user will give 'x' a value. 8 int y; 9 cout<<"Enter second number\n"; 10 cin>>y; // user will give 'y' a value. 11 cout<<(x!=y)<<" "<<(x==y); 12 }</pre>	<pre>/tmp/FVnyUu2GEJ.o Enter first number 3 Enter second number 2 1 1 === Code Execution Successful ===</pre>

3. Find the output for this code. Let input:- 2 3

main.cpp	Output
<pre>1 #include <iostream> 2 using namespace std; 3 int main() 4 { 5 int x,y; 6 cin>>x>>y; 7 x+=y; 8 x-=y; 9 x%=y; 10 cout<<x; 11 }</pre>	<pre>/tmp/AhVMSX30jN.o 2 3 2 === Code Execution Successful ===</pre>

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

main.cpp	Output
<pre>1 #include <iostream> 2 using namespace std; 3 int main() 4 { 5 float h; 6 cout<<"enter height :"; 7 cin>>h; 8 float r; 9 cout<<"enter radius :"; 10 cin>>r; 11 float pi = 3.14; 12 13 cout<<"volume is : "<<pi*(r*r)*h; 14 15 }</pre>	<pre>/tmp/ln1AOU3wZs.o enter height :4 enter radius :3 volume is : 113.04 === Code Execution Successful ===</pre>

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

main.cpp	Output
<pre>1 #include <iostream> 2 using namespace std; 3 int main() 4 { 5 char a; 6 cout<<"enter first character : "; 7 cin>>a; 8 char b; 9 cout<<"enter second character : "; 10 cin>>b; 11 int c = (int)a; 12 int d = (int)b; 13 cout<<"difference is: "<<d-c; 14 15 }</pre>	<pre>/tmp/BnJcShVzLZ.o enter first character : A enter second character : a difference is: 32 === Code Execution Successful ===</pre>

6.Find the output of the below code

main.cpp	Output
<pre>1 #include <iostream> 2 using namespace std; 3 int main() 4 { 5 int i = (4 + 7 / 5 * 6 * 6+9)% 100 ; 6 cout<<i; 7 }</pre>	<pre>/tmp/MPAXRhOEJA.o 49 === Code Execution Successful ===</pre>