

## Coding C++

RUN

MENU

Auto saved at 22:48:10

```
1 #include<iostream>
2 using namespace std;
3
4 int main()
5 {
6     int factorial,number;
7     cout<<"Enter a number."<<endl;
8     // This will take a number from user as an input.
9     cin>>number;
10    // This will store the value if number in the variable.
11    factorial=1*2*3*4*5*6;
12    // This code will ONLY give the factorial of six.
13    cout<<"The Factorial of 6 is:"<<factorial<<endl;
14    return 0;
15 }
```

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# Compile Result

Enter a number.

6

The Factorial of 6 is:720

[Process completed - press Enter]



## Coding C++

RUN

MENU

Auto saved at 01:29:24

```
1 #include<iostream>
2 using namespace std;
3
4 int main(){
5
6 float a,b,p,q,d;
7
8 cout<<"Enter the value of x Coordinate of A: "<<endl;
9 cin>>a;
10
11 cout<<"Enter the value of y Coordinate of A: "<<endl;
12 cin>>b;
13
14 cout<<"Enter the Value of x Coordinate of B: "<<endl;
15 cin>>p;
16
17 cout<<"Enter the Value of y Coordinate of B: "<<endl;
18 cin>>q;
19
20 d=[{(a-p)^2}+{(b-q)^2}]^1/2;
21
22 cout<<"The Distance between A and B is: "<<endl;
23 cout<<d;
24
25 return 0;
26 }
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# Compile Result

Enter the coordinates of first point:

1 2

Enter the Coordinates of second point:

3 5

Distance between the points A and B is:

[Process completed - press Enter]



## Coding C++

RUN

MENU

Auto saved at 24:58:51

```
1 #include<iostream>
2 using namespace std;
3
4 int main(){
5 float A,B,C;
6
7 cout<<"Enter Length in centimeter"<<endl;
8 cin>>A;
9 B=A*10;
10
11 cout<<"The Length in millimeters is:"<<endl;
12 cout<<B;
13
14 C=A/10000;
15 cout<<"The Length in Kilometres is:"<<endl;
16 cout<<C;
17
18 return 0;
19 }
```

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# Compile Result

```
Enter Length in centimeter
100
The Length in millimeters is:
1000The Length in Kilometres is:
0.01
[Process completed - press Enter]
```

# Coding C++

RUN

MENU

Auto saved at 01:11:35

```
1 #include<iostream>
2 using namespace std;
3
4 int main(){
5
6 float A,B,C;
7
8 cout<<"Enter the value of A:"<<endl;
9 cin>>A;
10
11 cout<<"Enter the value of B:"<<endl;
12 cin>>B;
13
14 cout<<"The value of (A+B)2 is: "<<endl;
15 C=A*A+B*B+2*A*B;
16
17 return 0;
18 }
```

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## Compile Result

Enter the value of A:

5

Enter the value of B:

4

The value of  $(A+B)^2$  is: 81

[Process completed - press Enter]