

#1) Write a program that prints your name and your college name.

```
a='krishna solanki'
print('Name:'+ a)

b='atmiya university'
print('College:'+ b)
```

Output:

```
D:\>python exercise.py
Name:krishna solanki
College:atmiya university
```

#2) Write a program that prints your address with name, all in new lines

```
print('krishna \n Balmukund \n near ortho plus hospital \n kalawad road \n rajkot')
```

Output:

```
D:\>python exercise.py
krishna
Balmukund
near ortho plus hospital
kalawad road
rajkot
```

#3) Write a program that accept two numbers and perform all basic mathematical operations.

```
D:\>python
Python 3.12.1 (tags/v3.12.1:2305ca5, Dec 7 2023, 22:03:25) [MSC v.1937 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> a=10
>>> b=5
```

```
>>> a+b
15
>>> a-b
5
>>> a*b
50
>>> a/b
2.0
>>> a%b
0
```

#4) Write a program to calculate simple interest.

```
>>> P=10000
>>> R=5
>>> N=2
>>> P*R*N/100
1000.0
```

#5) Write a program to calculate 10% bonus of salary.

```
>>> s=50000
>>> b=10
>>> s*b/100
5000.0
```

#6) Write a program to convert KM into Meter

```
km = input("Enter distance in kilometer: ")
```

```
# Converting to float data type
km = float(km)
```

```
# Converting to meter
m = km * 1000;
```

```
# Displaying output
```

```
print("%0.3f Kilometer = %0.3f Meter" %(km,m))
```

Output:

```
D:\>python exercise.py
Enter distance in kilometer: 5.43
5.430 Kilometer = 5430.000 Meter
```

#7) The distance between two cities is input through keyboard. Write a program to convert and #print this distance in feet, meter, inch and centimeter.

#placeholders

```
km=float(input('enter the km :'))
print("convert km to meter=",km*1000)
print("convert km to feet=",km*3280.8)
print("convert km to centimeter=",km*100000)
print("convert km to inch=",km*39370.07)

meter=km*1000
feet=km*3280.8
centimeter=km*100000
inch=km*39370.07
print('meter,feet,centimeter,inch are:{0},{1},{2},{3}'.format(meter,feet,centimeter,inch))
```

Output:

```
D:\>python exercise.py
enter the km :5.43
convert km to meter= 5430.0
convert km to feet= 17814.744
convert km to centimeter= 543000.0
convert km to inch= 213779.4801
meter,feet,centimeter,inch are:5430.0,17814.744,543000.0,213779.4801
```