

#1)Last week you wrote a program that printed out a cheery greeting including your name.Take a copy of it, and modify it so that the user enters their name at the keyboard, and then receives a greeting.

```
name=str(input("Hello,what is your name :"))  
print("Hello",name,"Good to meet you!")
```

Hello,what is your name : Lavana Gurung

Hello Lavana Gurung Good to meet you!

#2)Write a program that prompts a user to enter a temperature in Celsius, and then displays the corresponding temperature in Fahrenheit.

```
Fahren=float(input("Enter the temperature in Celsius :"))  
temp=(Fahren*(9/5))+32  
print(f"{Fahren}C is equivalent to {temp}F")
```

Enter the temperature in Celsius : 32

32.0C is equivalent to 89.6F

#3)The Head of Computing at the University of Poppleton is tasked with dividing a group of students into lab groups. A lab group is usually 24 students,

#but this is sometimes varied to create groups of similar size. Write a program that prompts for the number of students and group size, and then

#displays how many groups will be needed and how many will be left over in a smaller group.

```
stn=int(input("How many students?"))  
size=int(input("Required group size?"))  
groups= stn//size  
stn_left= stn%size  
print(f"There will be {groups}, groups with {stn_left} will be left over")
```

How many students? 20

Required group size? 5

There will be 4, groups with 0 will be left over

#4)A kindly teacher wishes to distribute a tub of sweets between her pupils. She will first count the sweets and then divide them according to how many

pupils attend that day. Write a program that will tell the teacher how many sweets to give to each pupil, and how many she will have left over.

```
count=int(input("Enter the number of pupil :"))
```

```
sweets=int(input("Enter how many sweets :"))
distribute=sweets//count
sweets_left= sweets%count
print(f"Each pupil will get {distribute} sweets, and will be left with
{sweets_left} sweets ")
```

Enter the number of pupil : 50

Enter how many sweets : 250

Each pupil will get 5 sweets, and will be left with 0 sweets