**PROBLEM SOLVING AND PYTHON PROGRAMMING**

**EX.NO.3(8)**

**Positive /Negative/Zero**

***CODE***

***n=int(input("Enter any number:"))***

***if n>0:***

***print("The number is positive")***

***elif n<0:***

***print("The number is negative")***

***else:***

***print("The number is zero”)***

***output:***

***Enter any number: 5***

***The number is positive***

***Enter any number:-5***

***The number is negative***

***Enter any number:0***

***The number is zero***

***2.Read a character from the user. change into upper/lower***

**Code:**

***a=str(input("Enter any character:"))***

***a.lower()***

***print(a.lower())***

***a.upper()***

***print(a.upper())***

***output:***

***Enter any character: maharajothi***

***maharajothi***

***MAHARAJOTHI***

***3.total salary with Bonus calculation and print salary , bonus and total amount***

***Code:***

***s=int(input("Enter your salary:"))***

***if s>100000:***

***bonus= s+s\*0.1***

***print("Your salary is:",bonus)***

***elif s<100000:***

***bonus=s+s\*0.12***

***print("Your salary is :" ,bonus)***

***else:***

***print("No bonus")***

***output:***

***Enter your salary: 20000***

***Your salary is : 22400.0***

***x***