**Checking if the given number is positive/negative**

**Ex: 3d**

**Date: 30/12/22**

**Aim**

To check if the given number is positive, negative or zero.

**Code**

n=int(input("Enter any number to be checked: "))

if(n>0):

print("Positive number")

elif(n<0):

print("Negative number")

else:

print("Zero")

**Output**

Enter any number to be checked: -67

Negative number

**Converting lowercase to uppercase and vice-versa**

**Ex: 3e**

**Date: 30/12/22**

**Aim**

To convert lowercase into uppercase and uppercase into lowercase.

**Code**

ch=input("Enter any character: ")

if((ch>='A' and ch<='Z')):

ch=ch.lower()

print("Lower case ",ch)

elif((ch>='a' and ch<='z')):

ch=ch.upper()

print("Upper case: ",ch)

else:

print("Please type either in lower case or in upper case!")

**Output**

Enter any character: hello its a beautiful day

Upper case: HELLO ITS A BEAUTIFUL DAY

**Calculating bonus**

**Ex: 3d**

**Date: 30/12/22**

**AIM**

To calculate bonus for salary received.

**Code**

salary=int(input("Enter the salary "))

if(salary>10000):

bonus=(0.1)

bonus\_amt=(bonus\*salary)

total\_amt=(bonus\_amt+salary)

print("Bonus is: ",bonus\_amt)

print("Total salary: ",total\_amt)

elif(salary<10000):

bonus=(0.2)

bonus\_amt=(bonus\*salary)

total\_amt=(bonus\_amt+salary)

print("Bonus is: ",bonus\_amt)

print("Total salary: ",total\_amt)

**Output**

Enter the salary 15000

Bonus is: 1500.0

Total salary: 16500.0