**Expt.No : 3(a)**

**Date : 04-01-2022 Positive /Negative/Zero**

**Code:**

a=int(input("enter the number :"))

if(a>0):

print("the number is postive")

elif(a<0):

print("the number is negative")

else:

print("it is zero")

**Output:**

1-enter the number :1

the number is positive

2-enter the number :-1

the number is negative

3-enter the number :0

it is zero

**Expt.No : 3(b)**

**Date : 04-01-2022** **Read a character from the user. Change**

**Into upper/lower**

**Code:**

a=input("enter the name:")

print(a.upper())

print(a.lower())

**Output:**

1- enter the name:Nandhakumar

NANDHAKUMAR

nandhakumar

**Expt.No : 3(c)**

**Date : 04-01-2022 Total Salary With Bonus Calculation**

**Print Salary Bonus And Total Amount**

**Code:**

sal=int(input("enter the salary:"))

if(sal<10000):

bonus=sal\*(10/100)

print("Bonus Amount:",bonus)

total=sal+bonus

print("total salary:",total)

else:

bouns2 =sal\*(12/100)

print("Bouns Amount:",bouns2)

total2=sal+bouns2

print("Total salary:",total2)

**Output:**

1- enter the salary:12000

Bouns Amount: 1440.0

Total salary: 13440.0

2- enter the salary:1000

Bonus Amount: 100.0

total salary: 1100.0

**Expt.No : 3(d)**

**Date : 04-01-2022 Leap year /Not**

**Code:**

year=int(input("enter the year :"))

if((year%4==0)and(year%100!=0)or(year%400==0)):

print("leep year")

else:

print("not leep year")

**Output:**

1-enter the year :1800

not leep year

2- enter the year :2004

leep year

**Expt.No : 3(e)**

**Date : 04-01-2022**   **Read a Character. If it is Upper Print U**

**Code:**

n=input("Enter a character:")

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

print("U")

else:

print("L")

**Output:**

1-Enter a character:H

U

**Expt.No : 3(f)**

**Date : 04-01-2023 Total Salary With Bonus Calculation**

**Print Salary Bonus And Total Amount**

**Code:**

s=float(input("Enter the salary:"))

print("if male \'M\' if Female \'F\'")

gen=input("Enter the gender:")

if(gen=='M'or gen=='m'):

bonus\_amount=0.10\*s

print("Bonus:",bonus\_amount)

total\_amount=s+bonus\_amount

print("Total amount:",total\_amount)

elif(gen=='F'or gen=='f'):

bonus\_amount=0.12\*s

print("Bonus:",bonus\_amount)

total\_amount=s+bonus\_amount

print("Total amount:",total\_amount)

**Output:**

1-Enter the salary:20000

if male 'M' if Female 'F'

Enter the gender:m

Bonus: 2000.0

Total amount: 22000.0

2- Enter the salary:10000

if male 'M' if Female 'F'

Enter the gender:F

Bonus: 1200.0

Total amount: 11200.0