EX NO:3(A) **CHECKING A CHARACTER**

DATE:30-12-2022

**PROGRAM:**

C=input("enter the character:")

if(C.isspace()==True):

print("the character is white space",C)

elif(C.isalpha()==True):

print("the character is an alphabet",C)

else:

print("the character is a number",C)

**OUTPUT:**

enter the character:A

the character is an alphabet A

EXNO:3(B) **GRADE ANALYSIS**

DATE:30-12-2022

**PROGRAM:**

name=input("enter the student's name:")

roll\_number=input("enter the student's roll number:")

m1=int(input("enter m1:"))

m2=int(input("enter m2:"))

m3=int(input("enter m3:"))

avg=(m1+m2+m3)/3

print("avg",avg)

if(avg<=100 and avg>=90):

print("grade O")

elif(avg<=90 and avg>80):

print("grade A+")

elif(avg<=80 and avg>70):

print("grade A")

elif(avg<=70 and avg>60):

print("grade B+")

elif(avg<=60 and avg<50):

print("grade B")

elif(avg<50):

print("grade u")

**OUTPUT:**

enter the student's name:SWETHHA M

enter the student's roll number:22CSEB32

enter m1:90

enter m2:99

enter m3:100

avg 96.3

grade O

EX NO:3(C) **ODD OR EVEN NUMBER**

DATE:30-12-22

**PROGRAM:**

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

if(a%2==0):

print("the number is even number")

else:

print("the number is odd number")

**OUTPUT:**

enter the number:344

the number is even number

EX NO:3(D) **POSITIVE OR NEGATIVE NUMBER**

DATE:30-12-2022

**PROGRAM:**

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

if(A>0):

print("the number is positive")

elif(A<0):

print("the number is odd")

else:

print("the number is zero")

**OUTPUT:**

enter the number:-1222

the number is odd

EXNO:3(E) **CHANGING**  **CASES IN A CHARACTER**

DATE:30-12-2022

**PROGRAM:**

CH=input("enter the character:")

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

print(CH.lower())

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

print(CH.upper())

**OUTPUT:**

enter the character:V

v

EXNO:3(F) **TOTAL SALARY CALCULATION**

DATE:30-12-2022

**PROGRAM:**

SALARY=int(input("enter your salary:"))

print("SALARY",SALARY)

if(SALARY>10000):

bonus=0.1\*SALARY

print("bonus",bonus)

elif(SALARY<10000):

bonus=1.2\*SALARY

print("bonus",bonus)

TOTAL\_AMT= SALARY+bonus

print("The TOTAL\_AMT is :",TOTAL\_AMT)

**OUTPUT:**

enter your salary:15000

SALARY 15000

bonus 1500.0

The TOTAL\_AMT is : 16500.0