Ex-3 DECISION MAKING STATEMENT

Date:4.01.2023

ODD OR EVEN FUNCTION

INPUT:

n=int(input("Enter a number:"))

if(n%2==0):

print("The given number is even")

else:

print("The given number is odd")

OUTPUT:

Enter a number:785

The given number is odd

STUDENT GRADE ANALYSIS

INPUT:

m1=int(input("Enter first mark:"))

m2=int(input("Enter second mark:"))

avg=(m1+m2)/2

if(avg>=90):

print("O Grade")

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

print("A Grade")

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

print("B Grade")

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

print("C Grade")

else:

print("Fail")

OUTPUT:

Enter first mark:85

Enter second mark:35

C Grade

CHECK THE GIVEN IS ALPHABET,NUMBER,OR SPACE

INPUT:

ch=input("Enter a char")

if(ch.isalpha()):

print("You enter a alphabet")

elif(ch.isdigit()):

print("You entered a number")

elif(ch.isspace()):

print("You entered a space")

else:

print("Invalid")

OUTPUT:

Enter a char:A

You enter a alphabet

POSITIVE OR NEGATIVE NUMBERS

INPUT:

n=int(input("Enter a value:"))

if(n>=0):

print("positive")

else:

print("negative")

OUTPUT:

Enter a value:67

Positive

BONUS AMOUNT CREDITED

INPUT:

Amt=int(input("Enter the salary amount:"))

Gender=input("Enter the gender:")

if(Gender is "M"):

bonusM=0.10\*Amt

TotalM=bonusM+Amt

print("10% credited for 'M'", TotalM)

elif(Gender is "F"):

bonusF=0.12\*Amt

TotalF=bonusF+Amt

print("12% credited for 'F'", TotalF)

OUTPUT:

Enter the salary amount:10000

Enter the gender:M

10% credited for 'M' 11000.0

>>>

Enter the salary amount:10000

Enter the gender:F

12% credited for 'F' 11200.0

UPPER CASE AND LOWER CASE

INPUT:

ch = input("Enter a char:")

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

print("Upper")

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

print("Lower")

OUTPUT:

Enter a char:A

Upper

>>>

=================== RESTART: C:/Users/test02/Desktop/51.py ===================

Enter a char:a

Lower

>>>