GROUP-3 AND 9

#leap year or not

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

if(a%4==0):

print("leap year")

else:

print("not a leap year")

#output

Enter a number:2022

not a leap year

#read character upper means print u

ch=input("enter a character:")

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

ch="U"

print(ch)

else:

print("Enter a valid input")

#output

enter a character:A

U

#total salary with bonus calculation

#total salary with bonus calculation

G=input("Enter the gender:")

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

if(G=="male"):

bonus=0.10\*sal

print("bonus is:",bonus,"\n","total salary is:",sal+bonus)

else:

bonus=0.12\*sal

print("bonus is:",bonus,"\n","total salary is:",sal+bonus)

#output  
Enter the gender:f

Enter the salary:20000

bonus is: 2400.0

total salary is: 22400.0

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GROUP 4 AND 10

#biggest of three numbers

num1=int(input("Enter first number:"))

num2=int(input("Enter second number:"))

num3=int(input("Enter third number:"))

if(num1>num2 and num1>num3):

largest=num1

elif(num2>num3):

largest=num2

else:

largest=num3

print(largest,"is the largest of three numbers")

#output

Enter first number:3

Enter second number:8

Enter third number:9

9 is the largest of three numbers

#odd or even number

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

if(num%2==0):

print("It is an even number")

else:

print("Its is an odd number")

#output

Enter a number:2

It is an even number

#Student grade analysis

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

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

avg=(m1+m2/2)

if(avg>=90):

print("O")

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

print("A+")

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

print("A")

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

print("B+")

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

print("B")

else:

print("U")

#output

Enter m1:84

Enter m2:72

O