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| 1.LEAP YEAR OR NOT |

PROGRAM:

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

if year %4==0 and year %100!=0:

print(year,"is a Leap year")

elif year % 100==0:

print(year,"is not a Leap year")

elif year % 400==0:

print(year,"is a Leap year")

else:

print(year,"is not a leap year")

OUTPUT:

Enter year:2004

2004 is a Leap year

>>>

Enter year:2009

2009 is not a leap year

>>>

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| 2.UPPERCASE |

PROGRAM:

ch=input("Enter a character:")

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

ch="U"

print(ch)

OUTPUT:

Enter a character:L

U

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| 3.BONUS CALCULATION |

PROGRAM:

G=input("Enter the gender:")

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

if(G=="male"):

bonus=0.1\*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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| 4.BIGGEST VALUE OF 3 NOS |

PROGRAM:

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

b=int(input("Enter b value:"))

c=int(input("Enter c value:"))

if(a>b and a>c):

print("a is greater")

elif(b>a and b>c):

print("b is greater")

else:

print("c is greater")

OUTPUT:

Enter a value:5

Enter b value:6

Enter c value:7

c is greater

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| 5.ODD OR EVEN |

PROGRAM:

num=int(input("Enter a no:"))

if (num%2==0):

print("It is an even no:")

else:

print("It is an odd no:")

OUTPUT:

Enter a no:5

It is an odd no:

Enter a no:6

It is an even no:

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| 6.STUDENT GRADE ANALYSIS |

PROGRAM:

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")

else:

print("U")

OUTPUT:

Enter m180

Enter m290

A+