# This program assists the Chocolate Enforcement Agency in determining

# prison sentences for those convicted of chocolate possession based

# on the new laws passed.

##

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##

LOW\_CHOCOLATE\_AMOUNT = 28.0

MID\_CHOCOLATE\_AMOUNT = 60.0

HIGH\_CHOCOLATE\_AMOUNT = 100.0

SENTENCING\_MESSAGE = "The sentence will be "

GRAMS\_28\_OR\_LESS = "2 years!"

GRAMS\_OVER\_28\_LESS\_THAN\_60 = "5 years!"

GRAMS\_60\_TO\_100 = "10 years!"

GRAMS\_OVER\_100 = "Life!"

amountOfChocolate = float(input("How many grams of chocolate were in their possession? "))

if (amountOfChocolate > HIGH\_CHOCOLATE\_AMOUNT) :

print(SENTENCING\_MESSAGE + GRAMS\_OVER\_100) # Over 100 grams = Life

elif (amountOfChocolate >= MID\_CHOCOLATE\_AMOUNT) :

print(SENTENCING\_MESSAGE + GRAMS\_60\_TO\_100) # Between 60 and 100 grams inclusive = 10 years

elif (amountOfChocolate > LOW\_CHOCOLATE\_AMOUNT) :

print(SENTENCING\_MESSAGE + GRAMS\_OVER\_28\_LESS\_THAN\_60) # Over 28 less than 60 = 5 years

elif (amountOfChocolate > 0) :

print(SENTENCING\_MESSAGE + GRAMS\_28\_OR\_LESS) # 28 grams or less = 2 years

else :

print("Why are you using this program, they do not possess any chocolate!")

**Output:**









