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Lab Assignment #6

Due: 03/01/19

CODE:

num\_dogs = 10

num\_buns = 8

attending = int(input("Enter the number of people attending the cookout: "))

hotdogs\_given = int(input("Enter the number of hot dogs each person will be given: "))

total\_hotdogs = attending \* hotdogs\_given

pack\_hotdogs = total\_hotdogs / num\_dogs

remain\_hotdogs = total\_hotdogs % num\_dogs

pack\_buns = total\_hotdogs / num\_buns

remain\_buns = total\_hotdogs % num\_buns

if remain\_hotdogs:

pack\_hotdogs += 1

remain\_hotdogs = num\_dogs - remain\_hotdogs

if remain\_buns:

pack\_buns += 1

remain\_buns = num\_buns - remain\_buns

print('Minimum number of packages of hot dogs needed: ', pack\_hotdogs)

print('Minimum number of packages of hot dog buns needed: ', pack\_buns)

print('Number of hot dogs left over: ', remain\_hotdogs)

print('Number of hot dog buns left over: ', remain\_buns)

OUTPUT:

Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32

Type "copyright", "credits" or "license()" for more information.

>>>

========= RESTART: C:/Users/Nabiha/Documents/CECS 174/Labs/Lab 6.py =========

Enter the number of people attending the cookout: 12

Enter the number of hot dogs each person will be given: 1

Minimum number of packages of hot dogs needed: 2.2

Minimum number of packages of hot dog buns needed: 2.5

Number of hot dogs left over: 8

Number of hot dog buns left over: 4