#Replace pass with body of statement to complete the homework

def split\_the\_check(number\_of\_friends=5):

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Program #1: Sharing the bill

211 Python, Summer 2021

This program computes individual shares of a restaurant bill. """

#define dictionary

record = {}

#get 5 name input and bills and add to dictionary

for i in range(0, number\_of\_friends):

key = input("Enter name of friend: ")

value = input("Enter bill for " + key + ": ")

record[key] = value

#print names and bills

print("Names of Friends: " , [i for i in record.keys()])

print("Individual bills: ", [i for i in record.values()])

#get tip input

tip = input("Enter tip percentage: ")

#calculate total bill

totalbill=0

for i in range(0, number\_of\_friends):

totalbill += (float(billlist[i]))

#calculate total bill with tax

totalbill = totalbill\* ((float(tip) / 100) + 1)

#print total bill with tax

print(f"Total bill plus tip: $ {totalbill:.2f}")

#calculate each person's pay

eachpay=totalbill/5

#print each person's pay

print(f"Each of us must pay $ {eachpay:.2f}")

split\_the\_check(5)