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#import data
from google.colab import drive
drive.mount('/content/drive')
path = '/content/drive/MyDrive/Colab Notebooks/hw2_data.txt'
data_list = []

#turn list into dict
def Convert(data_list):
    ..res_dict = {}
    ..for i in range(0, len(data_list), 2):
        ....res_dict[data_list[i]] = data_list[i+1]
    ..return res_dict

#turn txt into list and add number for calculation
with open(path, 'r') as f:
    ..data = f.readlines()
    ..for word in data:
        ....data = word.replace("\n", "")
        ....data_list.append(data)
        ....data_list.append("1")

#calculate the number of types of food
line = "總共有" + str(len(Convert(data_list))) + "種英文字"
print(line)

#remove number in list
for i in range(0, len(data_list), 2):
    ....data_list.remove("1")

#calculate the amount of food
def Count(data_list):
    ..data_dict = {}
    ..for i in range(0, len(data_list)):
        ....if data_list[i].not in data_dict:
            .....data_dict[data_list[i]] = 1
        ....else:
            .....data_dict[data_list[i]] += 1
    ..return data_dict

print(Count(data_list))

```

 Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force_remount=True).

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總共有10種英文字
{'Cheese': 234, 'Pizza': 83, 'Coke': 145, 'Steak': 46, 'Burger': 196, 'Fries': 76, 'Rib': 33, 'Taco': 57, 'Pho': 19, 'Potato': 3}

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