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from datetime import datetime


def get_entry_exit_timings(inputlist):
    entry_dict = {}
    exit_dict = {}
    for i in inputlist:
        if "ENTRY" in i:
            entry_dict[i[0]] = i[2]
        else:
            exit_dict[i[0]] = i[2]
    entry_exit_timings = []
    entry_dict_keys = entry_dict.keys()
    for j in entry_dict_keys:
        if j in exit_dict:

entry_exit_timings.append(entry_dict.get(j))

entry_exit_timings.append(exit_dict.get(j))
    if len(entry_exit_timings) != 0:
        find_avg_max_min(entry_exit_timings)


def find_avg_max_min(entry_exit_timings):
    sum = 0
    diff_days_list = []
    diff_hour_list = []
    diff_min_list = []
    for i in range(0, len(entry_exit_timings), 2):
        entry = entry_exit_timings[i]
        exit = entry_exit_timings[i + 1]
        entry_date = entry.split(' ')[0]
        exit_date = exit.split(' ')[0]
        entry_timings = entry.split(' ')[1]
        exit_timings = exit.split(' ')[1]
        entry_hours = entry_timings.split(':')[0]
        entry_minutes = entry_timings.split(':')[1]
        exit_hours = exit_timings.split(':')[0]
        exit_minutes = exit_timings.split(':')[1]
        date_format = "%d-%m-%Y"
        a = datetime.strptime(entry_date, date_format)
        b = datetime.strptime(exit_date, date_format)
        delta = b - a
        diff_days_list.append(delta.days * 1440)
        diff_hour = int(exit_hours) - int(entry_hours)
        diff_hour_list.append(diff_hour * 60)
        diff_min = int(exit_minutes) -
int(entry_minutes)
        diff_min_list.append(diff_min)
    max_min = []
    for j in range(0, len(diff_hour_list)):

max_min.append(diff_days_list[j]+diff_hour_list[j] +
diff_min_list[j])
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    for h in range(0, len(diff_hour_list)):
        sum = sum + (diff_days_list[h] +
diff_hour_list[h] + diff_min_list[h])
    avg = sum / len(diff_min_list)
    print("Average time of cars taken is {}
minutes".format(int(avg)))
    print("Maximum time a car spent between entry and
exit is {} minutes".format(max(max_min)))
    print("Minimum time a car spent between entry and
exit is {} minutes".format(min(max_min)))


def main():
    while True:
        try:
            size_of_dataset = int(input("Enter the
size of the Datasets: "))
            break
        except ValueError:
            print('Size will be Integer Only')
            continue
    print("Enter Datasets: ")   #TN01AB7765,ENTRY,23-
11-2021 16:10
    each_string_list = []
    inputs = []
    for loop in range(size_of_dataset):
        a = input()
        new = ""
        for i in range(len(a)):
            if a[i] == ',':
                each_string_list.append(new)
                new = ""
            else:
                new += a[i]
        each_string_list.append(new)
        tup = tuple(each_string_list)
        inputs.append(tup)
        each_string_list.clear()
    get_entry_exit_timings(inputs)

main()
```