

Anas Nimer 1180180

Todo(3) Sec: 1

- 1- File open and split data that in file
- 2- Ask user to input the way you need to use by name or id or Lc
- 3- Print the all data about the user need and print the sum

```
1 fo=open("CarRentalInfo.txt","r")
2 info=fo.readlines()
3 li1=[]
4 for line in info:
5     li=[]
6     li=line.split(";")
7     li1.append(li)
8 while ("true"):
9     print("chose an method\n 1)Inquiry by name\n 2)Inquiry by id\n 3)Inquiry by lc")
10    op=input()
11    sum=0
12    if(op == '1'):
13        name=input("whats the name you need")
14        for i in li1:
15            if(name==i[0]):
16                sum=sum+int(i[9])
17                print(i)
```

```
19
20     elif(op == '2'):
21         id=input("whats id you need")
22         for i in li1:
23             if(id==i[1]):
24                 sum=sum+int(i[9])
25                 print(i)
26
27
28     elif(op == '3'):
29         lc=input("whats lc you need")
30         for i in li1:
31             if(lc==i[4]):
32                 sum=sum+int(i[9])
33
34     print("the sum is"+str(sum))
35
36
```

Out put:

1-by name

- 1- The user enter the choice 1 (Inquiry by name)
- 2- Print information about the person and all cars rented by the person
- 3- Compute and print the total money paid by this person for renting cars.

```
"C:\Users\laptop_center\Desktop\python12\venv\Scripts\python.exe" "C:\Users\laptop_center\Desktop\python12\main.py"
chose an method
1)Inquiry by name
2)Inquiry by id
3)Inquiry by cl
>
whats the name you need Aseel Jamal
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'S71B23', 'Mitsubishi', '2017', '16 December 2018', '19 December 2018', '333\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'F63Q86', 'Mazda', '2012', '26 December 2018', '01 January 2019', '612\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '05 January 2019', '09 January 2019', '496\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'F63Q86', 'Mazda', '2012', '29 May 2020', '02 June 2020', '414\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '08 June 2020', '12 June 2020', '536\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', '086N85', 'Volkswagen', '2014', '18 June 2020', '22 June 2020', '504\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '18 July 2020', '23 July 2020', '740\n']
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the sum is31222
chose an method
1)Inquiry by name
2)Inquiry by id
3)Inquiry by cl
```

2- by id :

- 1- The user enter the choice 1 (Inquiry by id)
- 2- Print information about the person and all cars rented by the person
- 3- Compute and print the total money paid by this person for renting cars.

```
chose an method
1)Inquiry by name
2)Inquiry by id
3)Inquiry by cl
#
whats id you need 694041980
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'S71B23', 'Mitsubishi', '2017', '16 December 2018', '19 December 2018', '333\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'F63Q86', 'Mazda', '2012', '26 December 2018', '01 January 2019', '612\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '05 January 2019', '09 January 2019', '496\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', '086N85', 'Volkswagen', '2014', '15 January 2019', '23 January 2019', '1208\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'S71B23', 'Mitsubishi', '2017', '06 March 2019', '10 March 2019', '456\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'F63Q86', 'Mazda', '2012', '16 March 2019', '19 March 2019', '283\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', '086N85', 'Volkswagen', '2014', '22 October 2019', '30 October 2019', '1280\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', '086N85', 'Volkswagen', '2014', '01 December 2019', '04 December 2019', '414\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'F63Q86', 'Mazda', '2012', '21 December 2019', '29 December 2019', '852\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '31 December 2019', '01 January 2020', '144\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', '086N85', 'Volkswagen', '2014', '10 January 2020', '17 January 2020', '910\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'F63Q86', 'Mazda', '2012', '30 January 2020', '07 February 2020', '936\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '09 February 2020', '12 February 2020', '402\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', '086N85', 'Volkswagen', '2014', '19 February 2020', '21 February 2020', '316\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'S71B23', 'Mitsubishi', '2017', '29 February 2020', '01 March 2020', '111\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'F63Q86', 'Mazda', '2012', '10 March 2020', '16 March 2020', '621\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '20 March 2020', '28 March 2020', '1056\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', '086N85', 'Volkswagen', '2014', '30 March 2020', '02 April 2020', '378\n']
```

the sum is31222

3-by cl:

- 1- Print information about the car and all persons rented the car
- 2- . Compute and print the revenue made by renting this car.

```
chose an method
1)Inquiry by name
2)Inquiry by id
3)Inquiry by cl
#
whats lc you need #0010
['Amer Abdul_Kreem', '206995933', '22 February 1998', '0556139596', 'Q28Y10', 'Mercedes', '2015', '20 December 2018', '21 December 2018', '128\n']
['Mariam Khalid', '979384546', '7 June 1987', '0537229580', 'Q28Y10', 'Mercedes', '2015', '28 December 2018', '30 December 2018', '240\n']
['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '05 January 2019', '09 January 2019', '496\n']
['Oday Abdallah', '518872438', '21 January 1991', '0584027890', 'Q28Y10', 'Mercedes', '2015', '13 January 2019', '14 January 2019', '132\n']
['Abdul_Kreem Suleiman', '411459627', '2 June 1996', '0598005156', 'Q28Y10', 'Mercedes', '2015', '21 January 2019', '22 January 2019', '138\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '08 June 2020', '12 June 2020', '536\n']
['Oday Abdallah', '518872438', '21 January 1991', '0584027890', 'Q28Y10', 'Mercedes', '2015', '16 June 2020', '17 June 2020', '154\n']
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['Aseel Jamal', '694041980', '26 February 1996', '0593328778', 'Q28Y10', 'Mercedes', '2015', '18 July 2020', '23 July 2020', '740\n']
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['Abdul_Kreem Suleiman', '411459627', '2 June 1996', '0598005156', 'Q28Y10', 'Mercedes', '2015', '03 August 2020', '10 August 2020', '1022\n']
the sum is43018
chose an method
1)Inquiry by name
2)Inquiry by id
3)Inquiry by cl
```