

1

```

1 from os import system
2 from json import dumps
3 system('cls')
4
5 file = open("people_count.txt", "r")
6
7 lst = []
8 datapeople = file.read().split('\n')
9 for odam in datapeople:
10     odam = odam.split(",")
11     dct = {
12         'name': odam[0],
13         'fname': odam[1],
14         'gender': odam[2],
15         'age': int(odam[3]),
16         'country': odam[4]
17     }
18     if dct['gender'] == 'Male':
19         lst.append(dct)
20 print(dumps(lst, indent=4))

```

```

{
  "name": "Amity",
  "fname": "Brodney",
  "gender": "Male",
  "age": 53,
  "country": "Dominican Republic"
},
{
  "name": "Heida",
  "fname": "O'Brogane",
  "gender": "Male",
  "age": 52,
  "country": "South Africa"
},
{
  "name": "Demetris",
  "fname": "Souness",
  "gender": "Male",
  "age": 53,
  "country": "Russia"
},
{
  "name": "Tanya",
  "fname": "Tatlow",
  "gender": "Male",
  "age": 28,
  "country": "China"
},
{
  "name": "Kaela",
  "fname": "Frascone",
  "gender": "Male",
  "age": 31,
  "country": "Armenia"
},
{
  "name": "Dud",
  "fname": "O'Dowgaine",
  "gender": "Male",
  "age": 30,
  "country": "China"
}

```

2

```

1 from os import system
2 from json import dumps
3 system('cls')
4
5 file = open("languages.txt", "r")
6
7 lst = []
8 datapeople = file.read().split('\n')
9 for odam in datapeople:
10     odam = odam.split(",")
11     dct = {
12         'name': odam[0],
13         'number': int(odam[1]),
14         'millat': odam[2]
15     }
16     if dct['number'] > 1000000:
17         lst.append(dct)
18 print(dumps(lst, indent=4))

```

```

{
  "name": "Yesan",
  "number": 1281089,
  "millat": "Albanian"
},
{
  "name": "Fengchan",
  "number": 1257385,
  "millat": "Italian"
},
{
  "name": "Leit\u00413\u00b5es",
  "number": 1303775,
  "millat": "Burmese"
},
{
  "name": "Margorejo",
  "number": 1348284,
  "millat": "Irish Gaelic"
},
{
  "name": "Kriel",
  "number": 1392627,
  "millat": "Marathi"
},
{
  "name": "Xingren",
  "number": 1225596,
  "millat": "Filipino"
},
{
  "name": "Refojos",
  "number": 1402817,
  "millat": "Irish Gaelic"
},
{
  "name": "Cloyne",
  "number": 1330998,
  "millat": "Gujarati"
}

```

3

4

The screenshot shows a VS Code editor with a Python script in the main editor and its output in the terminal. The script is in a file named `S4.py` and is processing data from `cinema.txt`. The script uses `cinema.split(",")` to split the data into a list of dictionaries. The output in the terminal shows the following data:

```
{
  "id": 966,
  "cname": "Over the Brooklyn Bridge",
  "genre": "Comedy",
  "year": 2005,
  "cinema": "4 Killdeer Place",
  "start_at": "13:04"
},
{
  "id": 975,
  "cname": "Madame Sat\u0413\u0440\u0430\u0434",
  "genre": "Drama",
  "year": 2010,
  "cinema": "12210 Arrowood Lane",
  "start_at": "17:11"
},
{
  "id": 985,
  "cname": "Zorn's Lemma",
  "genre": "Drama",
  "year": 2003,
```

Uyishi.

booking_data.txt faylida quyidagi ma'lumotlar keltirilgan

id - ID raqami

departure - uchib ketish davlati

d_time - uchish vaqti

arrive - qo'nish davlati

a_time - qo'nish vaqti

cost - bilet narxi

1. Foydalanuvchi o'zida bor taxminiy pul miqdorini kiritadi. Maqsadingiz shu kiritilgan summadan \$50 arzonroq va \$100 qimmatroq bo'lgan biletlar ro'yhatini ko'rsatish

2. Kiritilgan davlat bo'yicha barcha aviareyslarni toping. Lekin chiqishda faqat soan 12:00dan 21:00gacha bo'lgan reyslar chiqsin.

3. Tasavvur qiling foydalanuvchi boshqa shahardan uchib kelmoq Lekin u shunday bir qiziq shartni aytadi: - Men US davlatiga uchishim kerak. Meni har kuni soat 21:00da Zoomda meetingim bo'ladi. Shunga menga shunday reys tanlab beringki, qo'nish vaqti meetingdan kamida 1 soat oldin bo'lsin. Menga shu reyslarning barchasini ko'rsatsangiz, uchish vaqti qiziq emas.

```

from os import system
from json import dumps

system("cls")
umumiy = []
m = []
d_t = []
a_t = []
ut = []
qonish = []
n = []
n2 = []

file = open("homework.txt", "r")

travel = file.read().split("\n")

#p = float(input("Pulizni kiriting: "))
for person in travel:
    person = person.split(",")
    dc = {
        'Id': int(person[0]),
        'Departure': person[1],
        'd_time': person[2],
        'arrive_D': person[3],
        'a_time': person[4],
        'cost': person[5]
    }
    umumiy.append(dc)
    m.append(dc['cost'])
    d_t.append(dc['arrive_D'])
    qonish.append(dc["a_time"])
    a_t.append(dc['d_time'])

# for i in range(1, len(m)):
#     if float(m[i][1:]) > p - 50 and
# float(m[i][1:]) < p+100:
#         print(m[i])

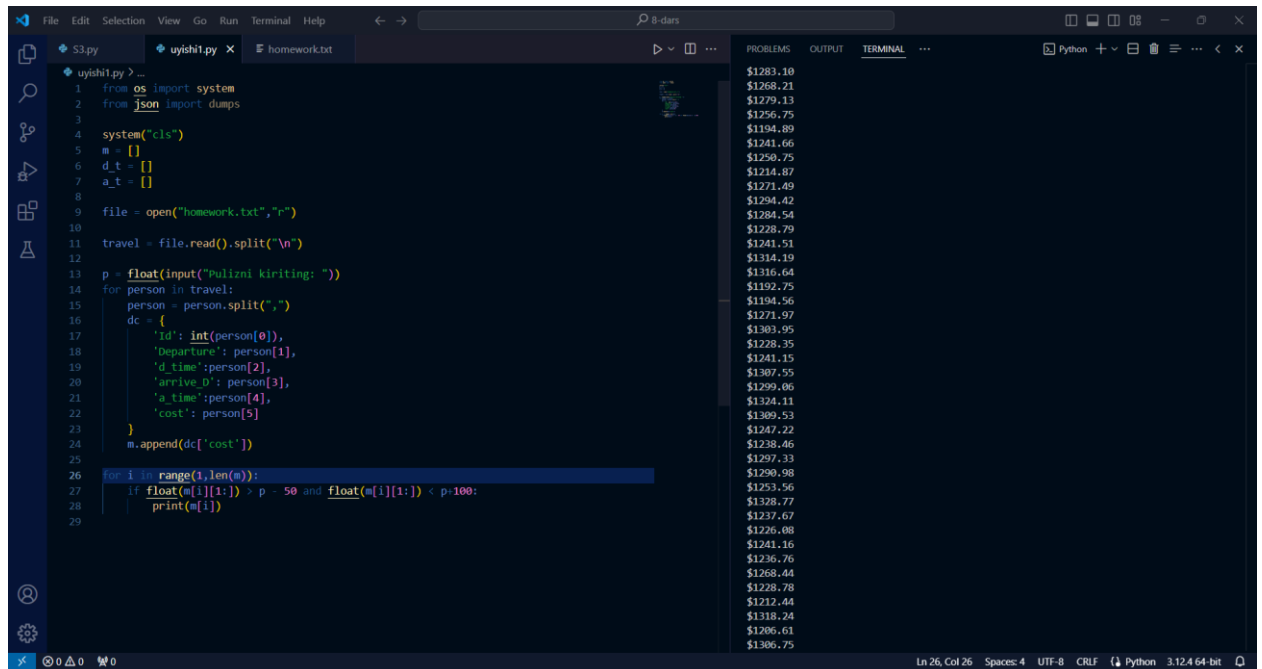
# joungle = input("Qaysi davlatga
bormoqchisiz: ")

for j in range(1, len(d_t)):
    natija = str(a_t[j])
    natija = natija.split(":")
    n.append(natija)
    natija2 = str(qonish[j])
    natija2 = natija2.split(":")
    n2.append(natija2)

# for l in range(len(n2)):
#     if d_t[l] == joungle and int(n[l]
# [0]) ≤ 12 and int(n2[l][0]) ≥ 21:
#
# print(dumps(umumiy[l], indent=4))
for h in range(len(umumiy)):
    if d_t[h] == 'US' and int(n2[h][0])
    ≤ 20:
        print(dumps(umumiy[h], indent=4))

```

1.1



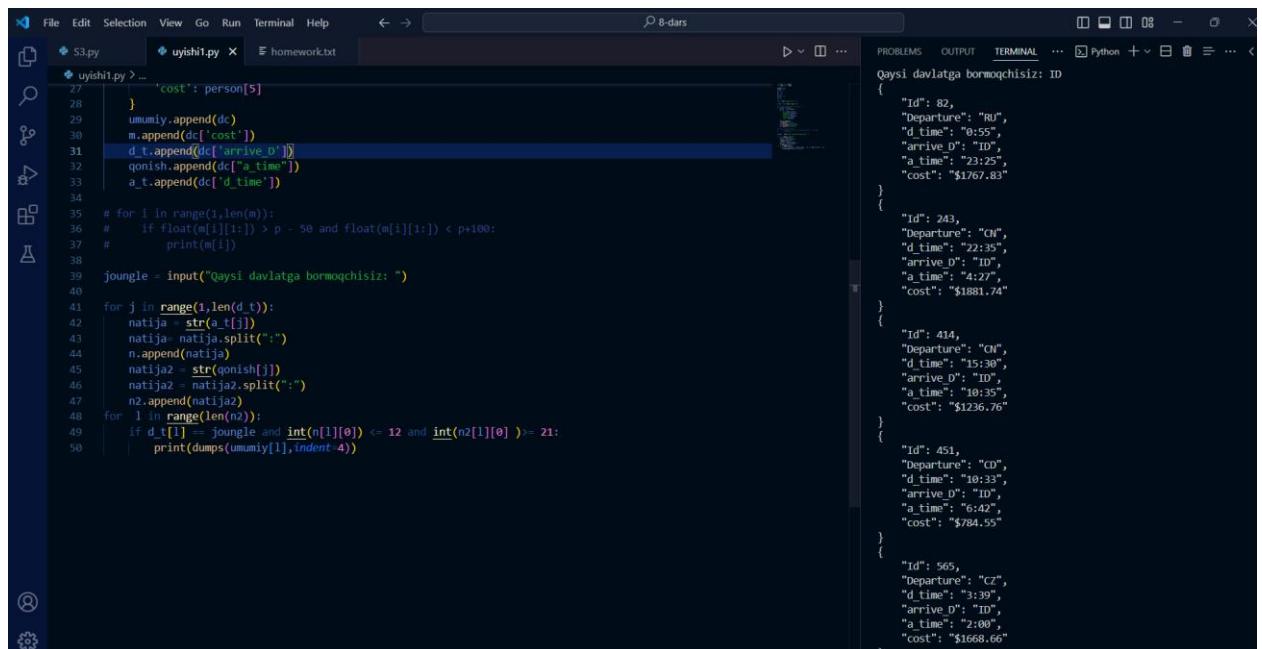
```
1 from os import system
2 from json import dumps
3
4 system("cls")
5 m = []
6 d_t = []
7 a_t = []
8
9 file = open("homework.txt","r")
10
11 travel = file.read().split("\n")
12
13 p = float(input("Tulizni kiriting: "))
14 for person in travel:
15     person = person.split(",")
16     dc = {
17         'id': int(person[0]),
18         'Departure': person[1],
19         'd_time': person[2],
20         'arrive_D': person[3],
21         'a_time': person[4],
22         'cost': person[5]
23     }
24     m.append(dc['cost'])
25
26 for i in range(1,len(m)):
27     if float(m[i][1:]) > p - 50 and float(m[i][1:]) < p+100:
28         print(m[i])
29
```

PROBLEMS OUTPUT TERMINAL

\$1283.10
\$1268.21
\$1279.13
\$1256.75
\$1194.89
\$1241.66
\$1250.75
\$1214.87
\$1271.49
\$1294.42
\$1284.54
\$1228.79
\$1241.51
\$1314.19
\$1316.64
\$1192.75
\$1184.56
\$1271.97
\$1303.95
\$1228.35
\$1241.15
\$1307.55
\$1299.06
\$1324.11
\$1300.53
\$1247.22
\$1238.46
\$1297.33
\$1290.98
\$1253.56
\$1328.77
\$1237.67
\$1226.08
\$1241.16
\$1226.76
\$1268.44
\$1228.78
\$1212.44
\$1318.24
\$1206.61
\$1306.75

Ln 26, Col 26 Spaces: 4 UTF-8 CRLF Python 3.12.4 64-bit

1.2



```
27     'cost': person[5]
28 }
29 umumiy.append(dc)
30 m.append(dc['cost'])
31 d_t.append(dc['arrive_D'])
32 qonish.append(dc['a_time'])
33 a_t.append(dc['d_time'])
34
35 # for i in range(1,len(m)):
36 #     if float(m[i][1:]) > p - 50 and float(m[i][1:]) < p+100:
37 #         print(m[i])
38
39 joungle = input("Qaysi davlatga bormoqchisiz: ")
40
41 for j in range(1,len(d_t)):
42     natija = str(a_t[j])
43     natija = natija.split(":")
44     n.append(natija)
45     natija2 = str(qonish[j])
46     natija2 = natija2.split(":")
47     n2.append(natija2)
48 for l in range(len(n2)):
49     if d_t[l] == joungle and int(n[l][0]) <= 12 and int(n2[l][0]) >= 21:
50         print(dumps(umumiy[l],indent=4))

```

PROBLEMS OUTPUT TERMINAL

Qaysi davlatga bormoqchisiz: ID

{
 "Id": 82,
 "Departure": "RU",
 "d_time": "0:55",
 "arrive_D": "ID",
 "a_time": "23:25",
 "cost": "\$1767.83"
}

{
 "Id": 243,
 "Departure": "CH",
 "d_time": "22:35",
 "arrive_D": "ID",
 "a_time": "4:27",
 "cost": "\$1881.74"
}

{
 "Id": 414,
 "Departure": "CN",
 "d_time": "15:30",
 "arrive_D": "ID",
 "a_time": "10:35",
 "cost": "\$1236.76"
}

{
 "Id": 451,
 "Departure": "CD",
 "d_time": "10:33",
 "arrive_D": "ID",
 "a_time": "6:42",
 "cost": "\$784.55"
}

{
 "Id": 565,
 "Departure": "CZ",
 "d_time": "3:39",
 "arrive_D": "ID",
 "a_time": "2:00",
 "cost": "\$1668.66"
}

1.3

```
File Edit Selection View Go Run Terminal Help
uyishi1.py x homework.txt
uyishi1.py
34
35 # for i in range(1, len(m)):
36 #     if float(m[i][1:1]) > p - 50 and float(m[i][1:1]) < p+100:
37 #         print(m[i])
38
39 # joungle = input("Qaysi davlatga bormoqchisiz: ")
40
41 for j in range(1, len(d_t)):
42     natija = str(a_t[j])
43     natija = natija.split(":")
44     n.append(natija)
45     natija2 = str(qonish[j])
46     natija2 = natija2.split(":")
47     n2.append(natija2)
48 # for i in range(len(n2)):
49 #     if d_t[i] == joungle and int(n[i][0]) <= 12 and int(n2[i][0]) >= 21:
50 #         print(dumps(unumiy[i], indent=4))
51 for h in range(len(unumiy)):
52     if d_t[h] == "US" and int(n2[h][0]) < 20:
53         print(dumps(unumiy[h], indent=4))
54
```

```
{
  "Id": 40,
  "Departure": "ID",
  "d_time": "8:24",
  "arrive_D": "US",
  "a_time": "23:52",
  "cost": "$1200.63"
}
{
  "Id": 44,
  "Departure": "CN",
  "d_time": "16:54",
  "arrive_D": "US",
  "a_time": "18:55",
  "cost": "$1343.38"
}
{
  "Id": 193,
  "Departure": "GR",
  "d_time": "14:06",
  "arrive_D": "US",
  "a_time": "21:18",
  "cost": "$1427.69"
}
{
  "Id": 194,
  "Departure": "PL",
  "d_time": "7:48",
  "arrive_D": "US",
  "a_time": "0:35",
  "cost": "$882.33"
}
{
  "Id": 240,
  "Departure": "CN",
  "d_time": "1:17",
  "arrive_D": "US",
  "a_time": "10:36",
  "cost": "$1194.56"
}
```