INTERNSHIP REPORT

ON

PYTHON COMPITATIVE CODEING

A internship Report is submitted

In accordance with requirement of degree of

BACHELOR OF TECHNOLOGY

IN

Computer science and information technology

Submitted by

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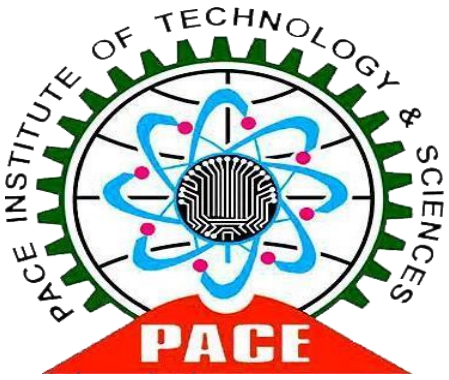
Under the Mentorship of

M.SRAVAN KUMAR



DEPARTMENT OF Computer science and information technology

PACE INSTITUTE OF TECNOLOGY AND SCIENCES (AUTONOMOUS)

(Affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada &

Accredited by NAAC 'A' GRADE,An ISO 9001-2015 Certified Institution)

NH-16, Valluru Post , Prakasam District, A.P-523272.

EXPLORE ELITE

Description:

- This project is about all travelling facilities or packages available for a trip planning.
- It is the travelling guide containing the facilities on based selective packages.
- There are same packages which contain the information for the facilities.
- Like it contain no.of tickets,how many people for the package,staying and places that contain in packages.

Requirements:

- Places to go where they are tourist palces and visitable sites.
- How many people are going.
- No.of tickets they required.
- Price of the tickets.
- Food they want particular.
- For staying room requirement.
- Prices are fixed for different packages.

INPUT:

Place you want to visit:

No.of people:

You want food:

Room type(luxury/normal):

3 days package or 4 days package:

You need entertainment or not:

For single per 15000 luxury and for normal 10000

OUTPUT:

your ticket confirmed

price 15000

your ticket confirmed

price 10000

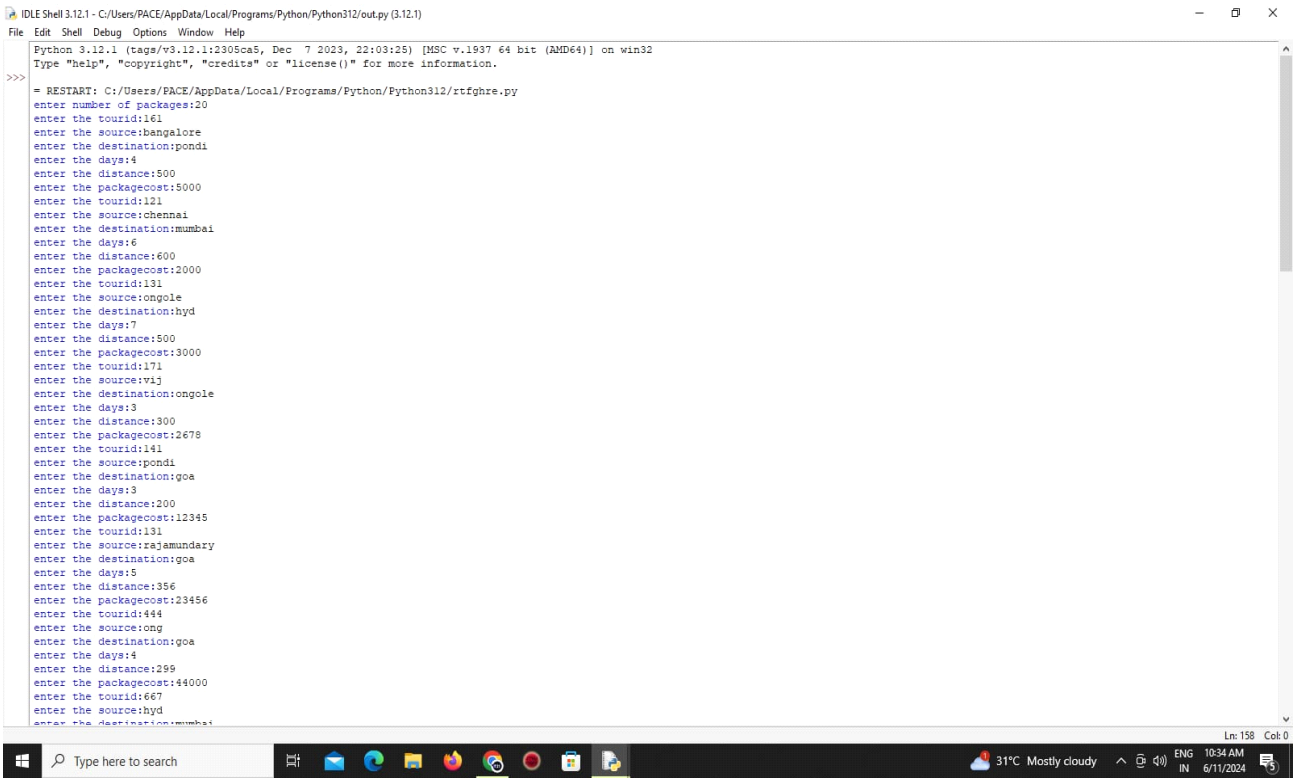
FUNCTIONS:

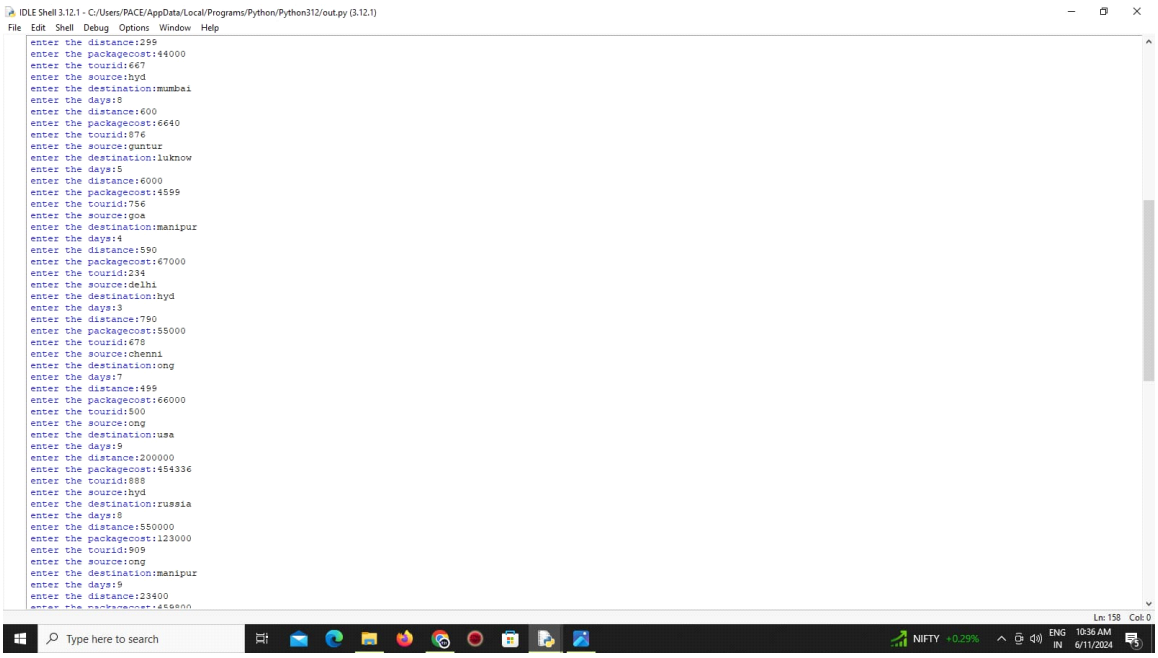
sets,dictionary,list,max,sort

SOURCE CODE:

```
k=input('enter starting point:')
c=0
for i in range(n):
    if s[i]['source']==k:
        c=c+1
print(c)
h=int(input('no.of days:'))
j=0
for i in range(n):
    if s[i]['days']<h:
        j=j+1
print(j)
l=int(input('enter the distance you require above :'))
a=0
for i in range(n):
    if s[i]['distance']>l:
        a=a+1
print(a)
b,e=map(int,input().split())
d=0
for i in range(n):
    if s[i]['packagecost'] in range(b,e+1):
        d=d+1
print('range:',d)
f=[]
for i in range(n):
    f.append(s[i]['packagecost'])
mn=min(f)
for i in range(n):
    if s[i]['packagecost']==mn:
        print('lowest cost:',s[i]['tourid'])
```

OUTPUT:




IDLE Shell 3.12.1 - C:/Users/PACE/AppData/Local/Programs/Python/Python312/out.py (3.12.1)
File Edit Shell Debug Options Window Help
enter the distance:299
enter the packagecost:44000
enter the tourid:667
enter the source:hyd
enter the destination:mumbai
enter the days:8
enter the distance:600
enter the packagecost:6640
enter the tourid:876
enter the source:guntur
enter the destination:luknow
enter the days:5
enter the distance:6000
enter the packagecost:4599
enter the tourid:756
enter the source:goa
enter the destination:manipur
enter the days:4
enter the distance:590
enter the packagecost:67000
enter the tourid:234
enter the source:delhi
enter the destination:hyd
enter the days:3
enter the distance:790
enter the packagecost:55000
enter the tourid:678
enter the source:chenni
enter the destination:ong
enter the days:7
enter the distance:499
enter the packagecost:66000
enter the tourid:500
enter the source:ong
enter the destination:usa
enter the days:9
enter the distance:200000
enter the packagecost:454336
enter the tourid:888
enter the source:hyd
enter the destination:russia
enter the days:8
enter the distance:550000
enter the packagecost:123000
enter the tourid:909
enter the source:ong
enter the destination:manipur
enter the days:9
enter the distance:23400
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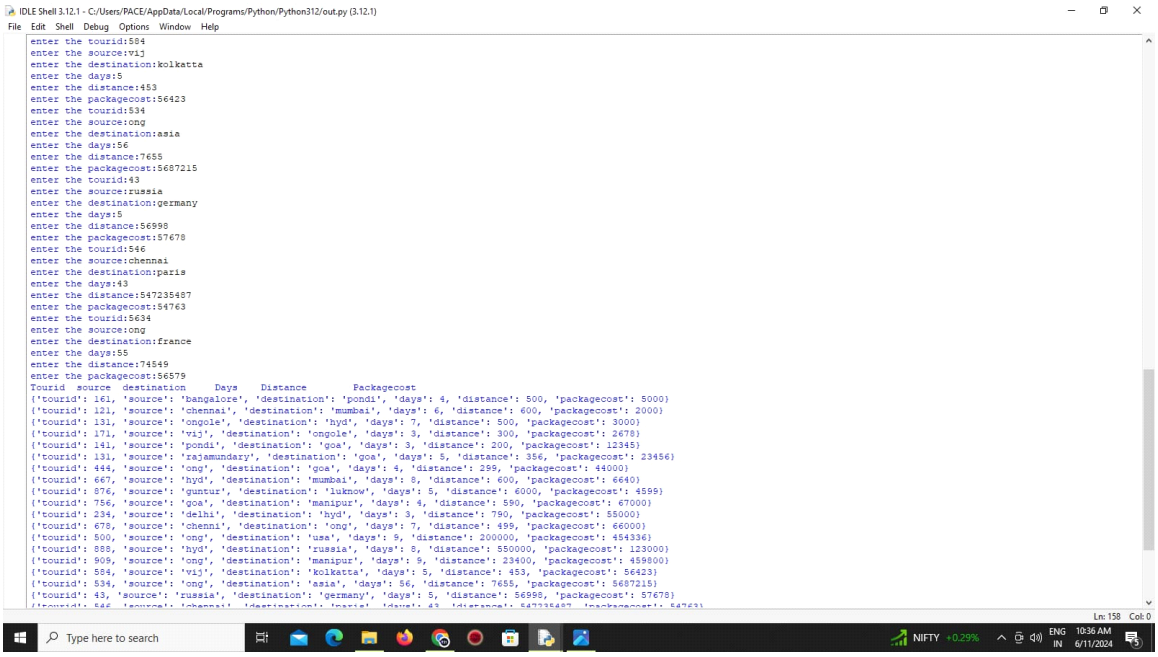
Type here to search
NIFTY +0.29%
ENG IN 10:36 AM 6/11/2024


IDLE Shell 3.12.1 - C:/Users/PACE/AppData/Local/Programs/Python/Python312/out.py (3.12.1)
File Edit Shell Debug Options Window Help
enter the tourid:584
enter the source:vij
enter the destination:kolkatta
enter the days:5
enter the distance:453
enter the packagecost:56423
enter the tourid:534
enter the source:ong
enter the destination:asia
enter the days:56
enter the distance:7655
enter the packagecost:5687215
enter the tourid:43
enter the source:russia
enter the destination:germany
enter the days:5
enter the distance:56998
enter the packagecost:57678
enter the tourid:546
enter the source:chennai
enter the destination:paris
enter the days:43
enter the distance:547235487
enter the packagecost:54763
enter the tourid:5634
enter the source:ong
enter the destination:france
enter the days:55
enter the distance:74549
enter the packagecost:56579
Tourid source destination Days Distance Packagecost
{'tourid': 161, 'source': 'bangalore', 'destination': 'pondi', 'days': 4, 'distance': 500, 'packagecost': 5000}
{'tourid': 121, 'source': 'chennai', 'destination': 'mumbai', 'days': 6, 'distance': 600, 'packagecost': 2000}
{'tourid': 131, 'source': 'ongole', 'destination': 'hyd', 'days': 7, 'distance': 500, 'packagecost': 3000}
{'tourid': 171, 'source': 'vij', 'destination': 'ongole', 'days': 3, 'distance': 300, 'packagecost': 2678}
{'tourid': 141, 'source': 'pondi', 'destination': 'goa', 'days': 3, 'distance': 200, 'packagecost': 12345}
{'tourid': 131, 'source': 'rajamundary', 'destination': 'goa', 'days': 5, 'distance': 356, 'packagecost': 23456}
{'tourid': 444, 'source': 'ong', 'destination': 'goa', 'days': 4, 'distance': 299, 'packagecost': 44000}
{'tourid': 667, 'source': 'hyd', 'destination': 'mumbai', 'days': 8, 'distance': 600, 'packagecost': 6640}
{'tourid': 876, 'source': 'guntur', 'destination': 'luknow', 'days': 5, 'distance': 6000, 'packagecost': 4599}
{'tourid': 756, 'source': 'goa', 'destination': 'manipur', 'days': 4, 'distance': 590, 'packagecost': 67000}
{'tourid': 234, 'source': 'delhi', 'destination': 'hyd', 'days': 3, 'distance': 790, 'packagecost': 55000}
{'tourid': 678, 'source': 'chenni', 'destination': 'ong', 'days': 7, 'distance': 499, 'packagecost': 66000}
{'tourid': 500, 'source': 'ong', 'destination': 'usa', 'days': 9, 'distance': 200000, 'packagecost': 454336}
{'tourid': 888, 'source': 'hyd', 'destination': 'russia', 'days': 8, 'distance': 550000, 'packagecost': 123000}
{'tourid': 909, 'source': 'ong', 'destination': 'manipur', 'days': 9, 'distance': 23400, 'packagecost': 459800}
{'tourid': 584, 'source': 'vij', 'destination': 'kolkatta', 'days': 5, 'distance': 453, 'packagecost': 56423}
{'tourid': 534, 'source': 'ong', 'destination': 'asia', 'days': 56, 'distance': 7655, 'packagecost': 5687215}
{'tourid': 43, 'source': 'russia', 'destination': 'germany', 'days': 5, 'distance': 56998, 'packagecost': 57678}
Ln: 158 Col: 0
Type here to search
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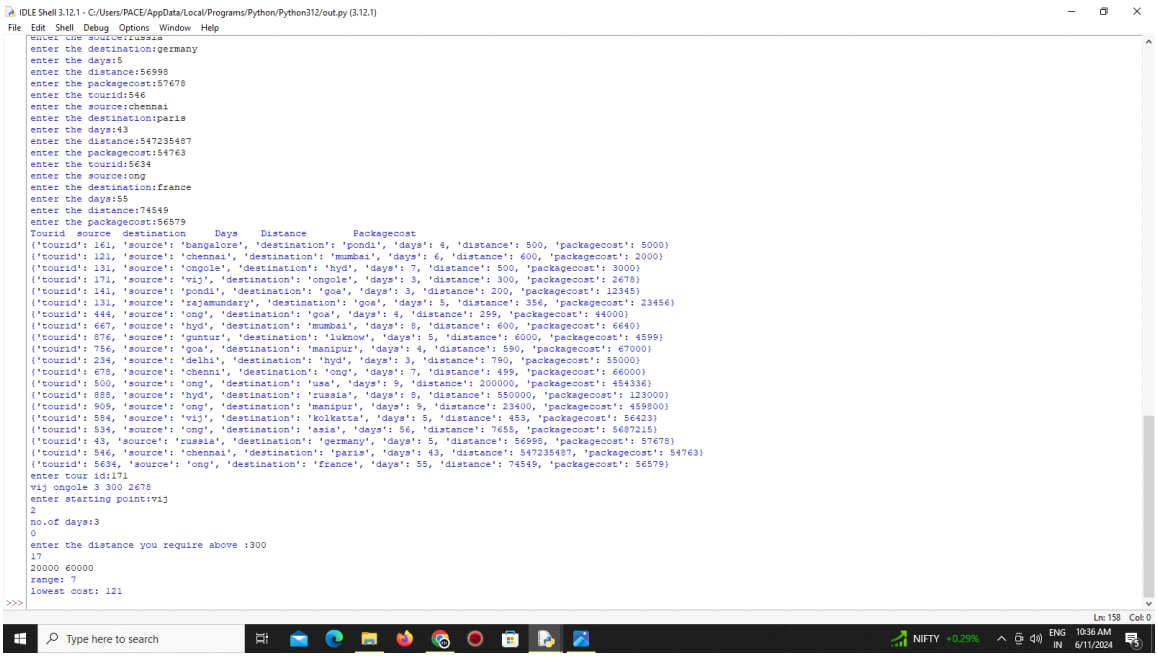

CONCLUSION:

This Python script defines a function to add tour details into a list and then prompts the user to input the details for a certain number of packages. It then displays the details entered, allows the user to search for a specific tour ID, counts the number of packages starting from a certain point, counts the number of packages with days less than a given input, counts the number of packages with distance above a given input, finds the number of packages within a given cost range, and finally identifies the tour with the lowest cost.