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

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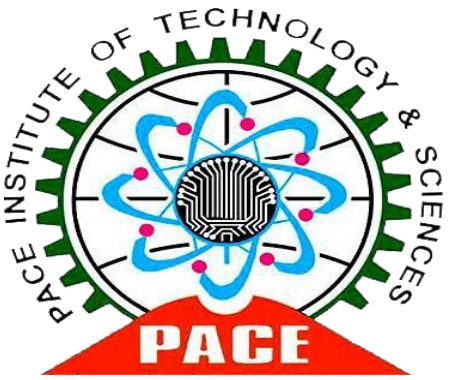


DEPARTMENT OF Computer science and information technology

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

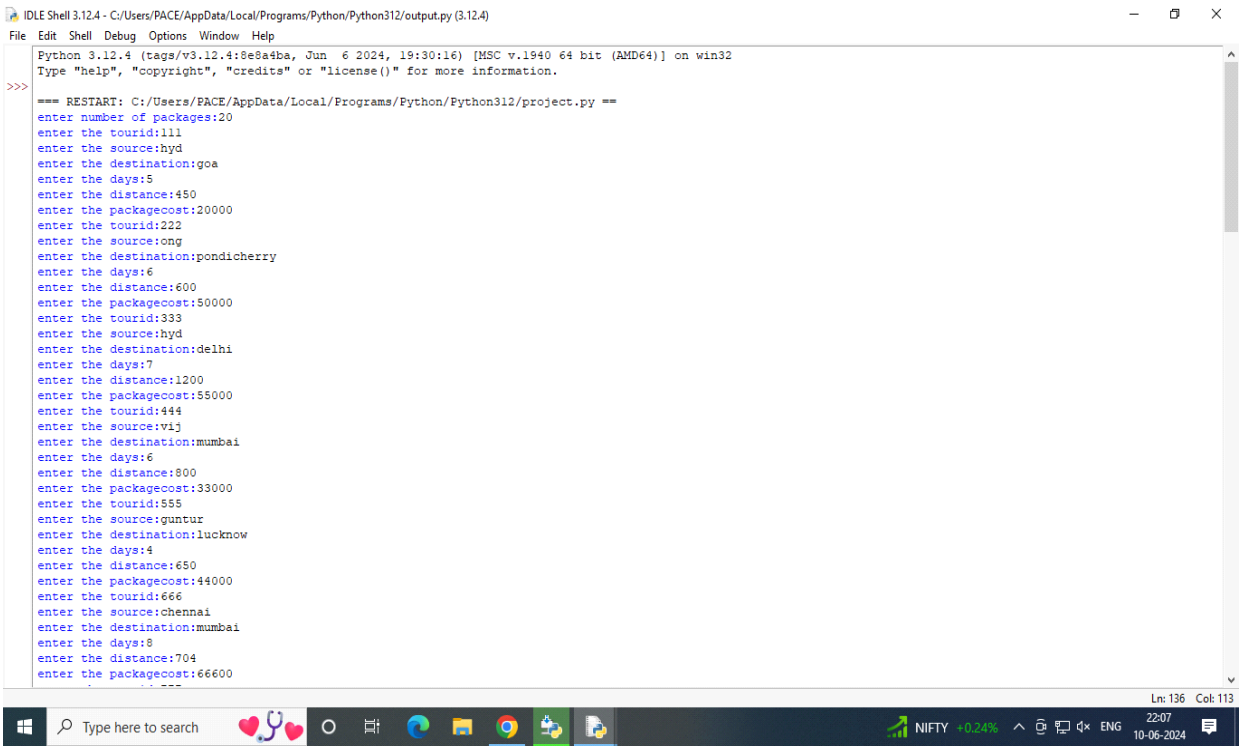
FUNCTIONS:

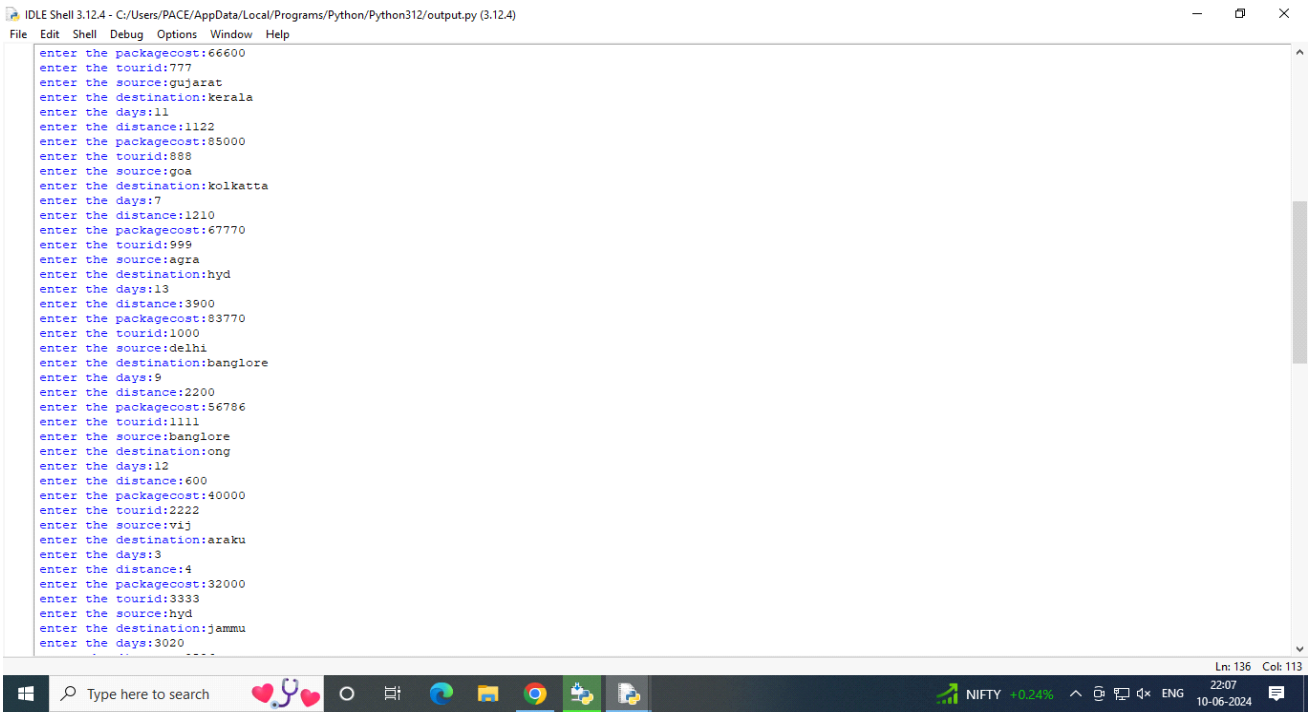
sets,dictionary,list,max,sort

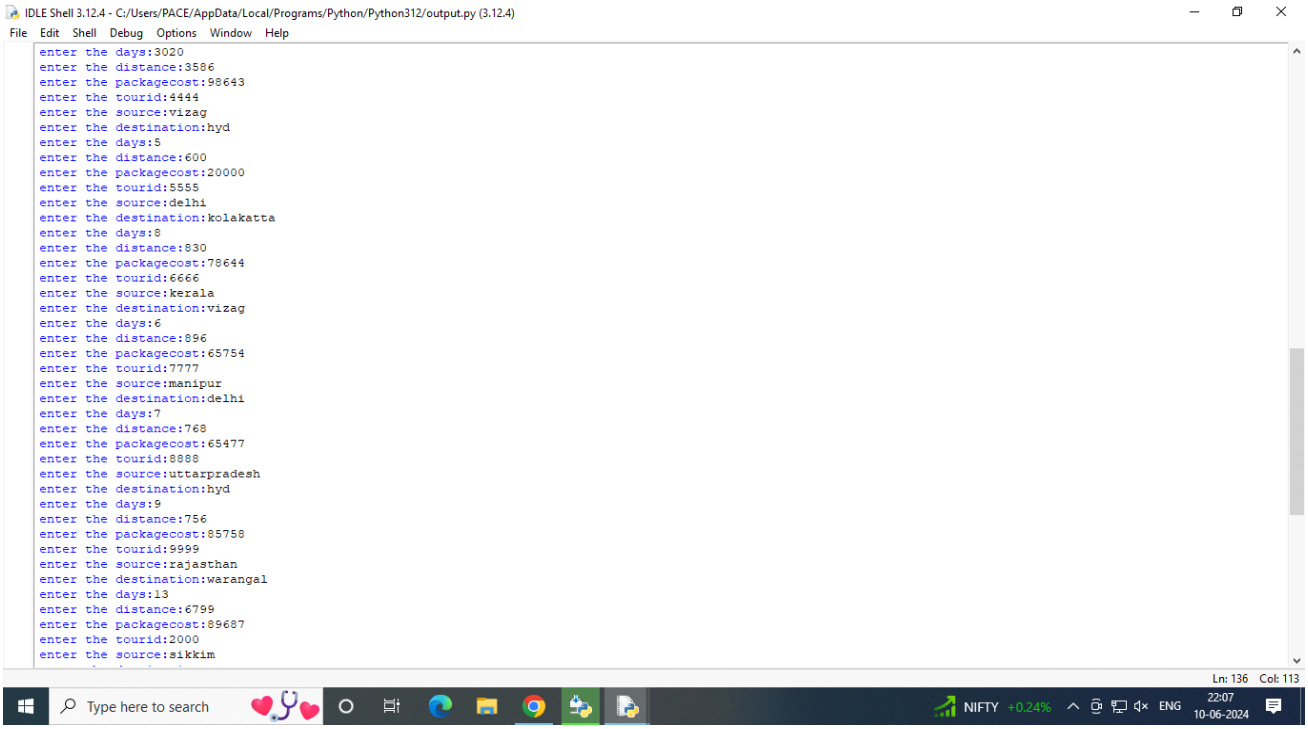
Source code:

```
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 3.12.4 - C:/Users/PACE/AppData/Local/Programs/Python/Python312/output.py (3.12.4)
File Edit Shell Debug Options Window Help
enter the packagecost:66600
enter the tourid:777
enter the source:gujarat
enter the destination:kerala
enter the days:11
enter the distance:1122
enter the packagecost:85000
enter the tourid:888
enter the source:goa
enter the destination:kolkatta
enter the days:7
enter the distance:1210
enter the packagecost:67770
enter the tourid:999
enter the source:agra
enter the destination:hyd
enter the days:13
enter the distance:3900
enter the packagecost:83770
enter the tourid:1000
enter the source:delhi
enter the destination:banglore
enter the days:9
enter the distance:2200
enter the packagecost:56786
enter the tourid:1111
enter the source:banglore
enter the destination:ong
enter the days:12
enter the distance:600
enter the packagecost:40000
enter the tourid:2222
enter the source:vij
enter the destination:araku
enter the days:3
enter the distance:4
enter the packagecost:32000
enter the tourid:3333
enter the source:hyd
enter the destination:jammu
enter the days:3020
Ln: 136 Col: 113
Type here to search
NIFTY +0.24%
ENG
22:07
10-06-2024


IDLE Shell 3.12.4 - C:/Users/PACE/AppData/Local/Programs/Python/Python312/output.py (3.12.4)
File Edit Shell Debug Options Window Help
enter the days:3020
enter the distance:3586
enter the packagecost:98643
enter the tourid:4444
enter the source:vizag
enter the destination:hyd
enter the days:5
enter the distance:600
enter the packagecost:20000
enter the tourid:5555
enter the source:delhi
enter the destination:kolakatta
enter the days:8
enter the distance:830
enter the packagecost:78644
enter the tourid:6666
enter the source:kerala
enter the destination:vizag
enter the days:6
enter the distance:896
enter the packagecost:65754
enter the tourid:7777
enter the source:manipur
enter the destination:delhi
enter the days:7
enter the distance:768
enter the packagecost:65477
enter the tourid:8888
enter the source:uttarpradesh
enter the destination:hyd
enter the days:9
enter the distance:756
enter the packagecost:85758
enter the tourid:9999
enter the source:rajasthan
enter the destination:warangal
enter the days:13
enter the distance:6799
enter the packagecost:89687
enter the tourid:2000
enter the source:sikkim
Ln: 136 Col: 113
Type here to search
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ENG
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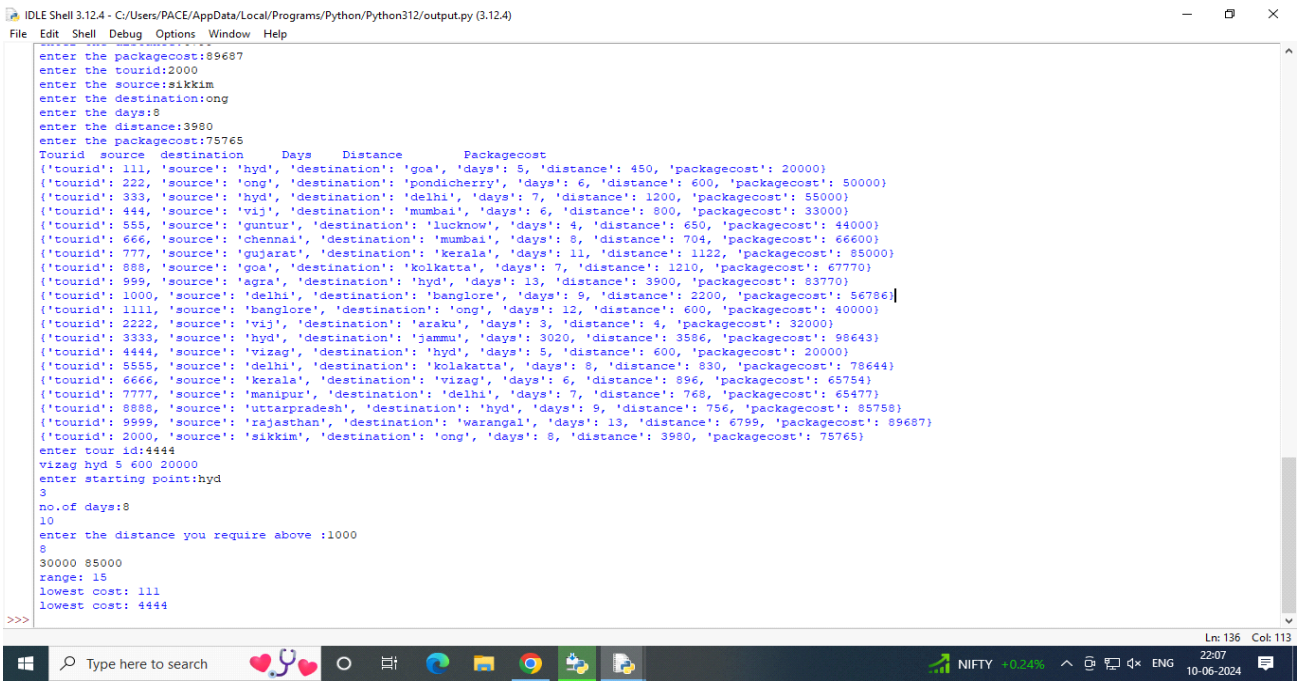
10-06-2024



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.