DSA Lab-2 Hasan Amin 374866

OOP:

```
• • •
           self._flightNo=0
            self._destination=""
           self._fuel=0.0
self._distance=0.0
            elif self._distance>1000 and self._distance<=2000:</pre>
               self._fuel=1100
               self._fuel=2200
        def feedinfo(self,flightNo,destination,distance):
           self._flightNo=flightNo
           self._destination=destination
self._distance=distance
        def show_info(self):
           print("Flight Number:", self._flightNo)
print("Destination:", self._destination)
            print("Distance:", self._distance, "miles")
           print("Fuel Required:", self._fuel, "gallons")
       def __init__(self):
           self._bcode=0
           self._bname=""
           self._innings=0
           self._notout=0
            self._runs=0
           self._batavg=0.0
        def calcavg(self):
               self._batavg =self._runs/(self._innings-self._notout)
        def readdata(self,bcode:int,bname:str,innings:int,notout:int,runs:int):
           self._bcode=bcode
            self._bname=bname
           self._innings=innings
            self.calcavg()
        def __repr__(self):
           return f'Code:{self._bcode} \n Name:{self._bname} \n Innings: {self._innings} \n Notouts: {self._notout} \n Runs: {self._runs} \n stored at {hex(id(self))}'
      obj=Flights()
        obj.feedinfo(20, "Karachi", 2000)
        obj2.readdata(2000,"John",10,5,500)
61 main()
```

```
Flight Number: 20
Destination: Karachi
Distance: 2000 miles
Fuel Required: 1100 gallons
------
Code:2000
Name:John
Innings: 10
Notouts: 5
Runs: 500
stored at 0x1394e580810
```

2-D Lists:

PS C:\Users\Hasan\Desktop\University Resources\DSA\La /University Resources/DSA/Labs/week-2/2d-lists.py" The row with the highest sum is at index:1