Instructions:-

- *The programs should be user friendly.*
- *Program should have comment at the top with given information*
  """Assignment3 Question1 Done By Your Name
  Date """
- *Program should be documented properly with necessary comments.*
- *The program outputs should be formatted.* **Make a word file and copy the output screenshots.**
  Students can take the print of the sample output.

Q1. Consider the following declaration of a list having the values as given:-

        Movie=   [rating,   #value between 0-10
                  Name,
                 Language]
          Movies=[7.2,"Lion King","English"]

Give the function definitions to do the following:

i)   Write the object Movie to a binary file.
ii)   Read the objects Movie from a binary file and display the records.
iii)   Read the objects of the Movie type from a binary file and search the record of the Movie which has the highest rating. Display the record.

Write a menu driven Python program (**Store, Display, Search and exit**) to implement the above code.

Q2.   Write menu driven python program to create a binary file **(Product.dat)** storing the Dictionary Product and perform given operations. The menu options are:-
1) Add more data
2) Display All
3) Search for a product by name
4) Update the product price
5) Delete the product
6) Move certain products (by name) to a separate file.
Input the name of the file and also display its content after copy operation.
Keys of the dictionary Product

Pid	String	# product ID
Pname	String	# product Name
Qty	integer	#quantity of product
Price	Float	# Price per unit of the product

Q3   Write menu driven python program to create a csv file **(Emp.csv)** storing the list of employee information like (EName, EmpID, Salary, Department) and perform given operations. The menu options are:-
1) Add more rows
2) Display All
3) Search for a particular employee
4) Display the list of all employees working in a particular department given by user.
5) Sort the employee as per their salary and display.

Q4 Write menu driven python program to create a csv file **(Travel.csv)** storing the list of travel destination information like (PlaceName, Country , TravelCost,MiscCost) and perform given operations.

Country	Place	Travel Cost	Misc Cost
Switzerland	Lake Geveva	145000	18000
America	Los Angeles	125000	25000
Australia	Great Barrier Reef	20000	12000

The menu options are:-
i)   Add more rows.
ii)   Display All the records and show the total cost to visit a place.
iii)   Delete a particular record
iv)   Exit
For each Menu write separate functions