

Lab 6 – File, Function and List

WARM-UP

QA: Try the following codes:

Open file to write:

```
fileHandler = open('first.txt', 'w')
fileHandler.write('Hello World!\n')
fileHandler.close()
```

Open file to append:

```
fileHandler = open('first.txt', 'a')
fileHandler.write('Hello World again!\n')
fileHandler.close()
```

QB: Write a program to read the 'first.txt' file and print its content on the screen.

LAB EXERCISE STARTS HERE!

Q1: Write a function to prompt for information on at least any five flight schedules on coming Saturday and store the same in a list. Write a program to store these flight schedule details in a text file with the help of the function that you wrote.

one list for one flight detailsthen store all lists in one master list...then read this master list and write to the file

Questions for the flight details:

'Enter flight number:

'Enter departure time: '

'Enter arrival time: '

'Enter departure airport: '

'Enter destination: '

Example of the flight details:

AK894	0900	1100	KUL	PEN
SIKJ093	0700	0800	KUL	PEN
MH2320	1000	1200	KUL	LGK

Q2. Write a program to read the content of the file you stored in Q1 and display its content on the screen.

Q3. Transform the programs that you wrote in Q1 and Q2 into functions. Create a menu function to provide options for user to select the operation (i.e. to read from or write to file) that he/she wants to perform.

Q4. Write a program with a 'search for flight' function. This function should get input from user and search the text file which contains flight schedule details. Call this function in your program.

Once this function is working fine, extend your program in Q3 by adding the 'search for flight' function. Include the search option into the menu function.