

LAB101Assignment

Type:
Code:
LOC:
Slot(s):

LongAssignment
C.L.P0022
100
4

Title

Manage student

Background Context

NA

Program Specifications

Create a program to manage students, student information includes:

- Student code
- Student name
- Date of birth
- Learning point

Student information is input from keyboard and stored in a text file name "Student.txt"

The program allows user enter new students, look up student and display student list.

Function details:

1. Main menu for program as below:

1. Enter student list
2. Look up student
3. Display student list
4. Exit

The program will implement corresponding function base on the number user input, user press 1 then the program implement function for menu "Enter student list", press 2 then the program run "Look up student", press 3 the program run "Display student list", press 4 then exit.

Menu must be display the first when running the program.

2. Enter student list: this function is implement when choose menu "Enter student list", student information is stored in a text file name "Student.txt". Student list in the text file must be sorted in student name ascending order.
3. Look up student: this function is implement when choose menu "Look up student", look up student base on student name input from keyboard, display found student information on the screen
4. Display student list: this function is implement when choose menu "Display student list", all students from the file will be display on the screen.

Expectation of User interface:

Menu of the program display the first must be as below:

1. Enter student list
2. Look up student
3. Display student list
4. Exit

Please choose menu (1 – 4):

- When user press 1 the program display:
Enter new student:
Student code: SV001
Student name: Ana

Date of birth: 11-Jan-1991

Learning point: 3.7

Press enter to continue, Esc to return the main menu

- When user press 2:

Please enter student name: Jonh

If found then display student information name jonh:

Student code: SV001

Student name: Jonh Mark

Date of birth: 12-Jan-1990

Learning point: 4.3

Press enter to continue, Esc to return the main menu

- When user press 3:

Student list:

Student code: SV001

Student name: Nam

Date of birth: 11-Nov-1994

Learning point: 3.5

Student code: SV002

Student name: Binh

Date of birth: 02-May-1994

Learning point: 3.6

Press enter to continue, Esc to return the main menu

- When user press 4: exit the program

Guidelines

- When store student information in the text file should be setup mark-point to separate data between students, for example: Mark-point is '#'