

BIRZEIT UNIVERSITY

Faculty of Engineering and Technology Electrical and Computer Engineering Department ENCS 3130

Linux Laboratory

Python Project

Students Records Management System

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Instructor's Name: Dr. Khader Mohammad.

4th Jan 2022.

Abstract:

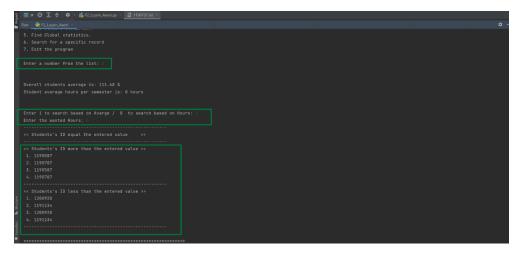
In this project, some important concepts were covered to implement students' records management system (like searching, updating, adding a new record, and finding global statistics for the student average). In addition, the data structure was used in this project was the list since it is easy to understand and to be implemented using Python language. Secondly, it has many ready methods that make our work easier such as appending new elements, searching for them, and updating them.

Test Cases

1. Case #1 : Searching for a record in the SRMS



fig(1.1): This is the Menu for our project shows the admins options

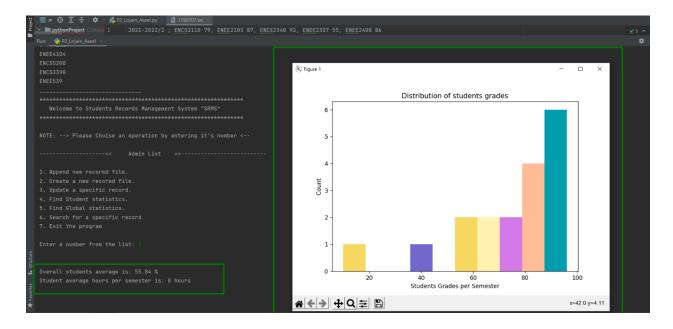


fig(1.2): Searching for # of students based in Hours

2. Case #2 : Add a new record in the SRMS

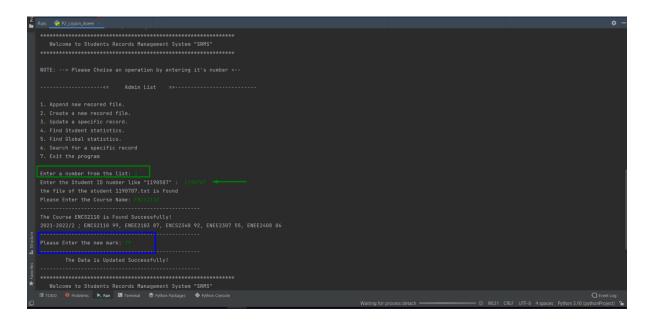
fig(1.3): Adding a new record

3. Case #3 : Admin Global statistic



fig(1.4): Admin global statistic

4. Case #4 : Updating data

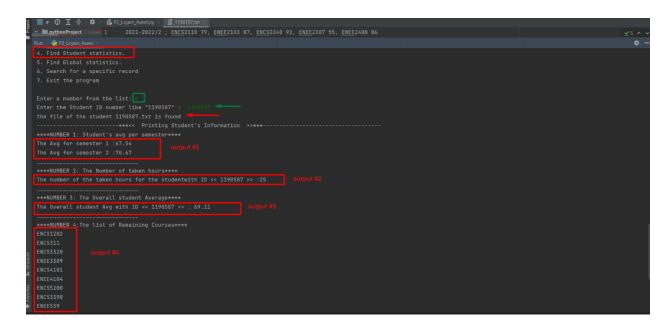


fig(1.5): Updating data for a record

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P2_Lojain_Aseel.py × 1190707.txt × 2021-2022/2; ENCS2110 79, ENEE2103 87, ENCS2340 92, ENEE2307 55, ENEE2408 86
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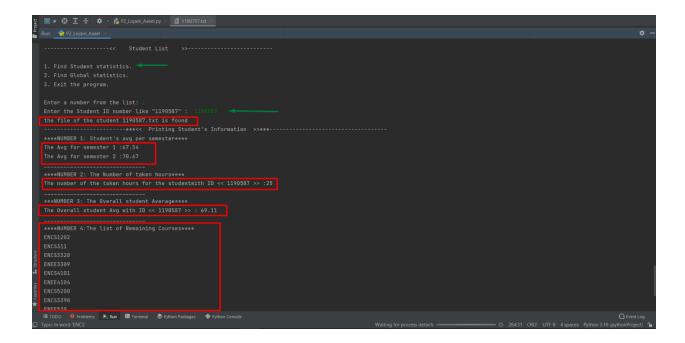
 $\label{eq:fig} \textbf{fig} (\textbf{1.6}): After \ updating \ data$

5. Case #5 : Admin Students Statistic



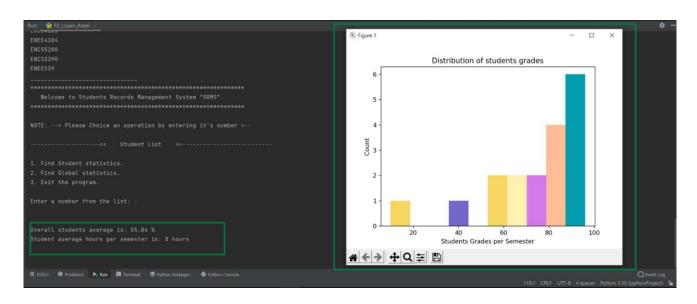
fig(1.7): Admin Students Statistic

6. Case #6: Student Students Statistic



fig(1.8): Admin Students Statistic

7. Case #7 : Student Global Statistic



fig(1.9): Student Global Statistic