Practical Work Summary
FSDS | 2CP ESI Algiers

Overview

The program is designed to work with 2 types of files :

- **TOVS :** (Table , Ordered, Variable-Sized Rec, Overlapped) files

- **TnOVS :** (Table , not Ordered, Variable-Sized Rec, Overlapped) files

Who made this ?

This Practical Word is made by the students:
Zerari Tarek and **Houam Kamal** (Group 02),
under the supervision of the teacher
RANDA BOUKABENE.

Important notes before using the program

Build the project (compile)

You have to run this command in the terminal in order to run the program in your pc :
- TOVS : gcc main_TOVS.c functions_TOVS.c –o TOVS_FILES
- TnOVS : gcc main_TnOVS.c functions_TnOVS.c –o TnOVS_FILES

Changing opening mode

If you want to use the second mode (Open existing file), Plase, avoid to kill the last execution (don't click Ctrl c , don't close directly the window), and exit with the menu

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Strategies

Problem	Solution Strategy
Overlapping (Struddling	For the overlap logic, we based our idea to split the record and also change the type to semiRecord, in order to be sure that is (the semirec) overlapped.
Initial Load	Our initial load is implemented with the insert functions (in both type of files), each time you want to insert, it tells you how many records you want.
Desplaying	About the displaying (Header , Data, Overlapping ...), we made it easy by displaying all using option 5 in the operations menu. (But we created many functions – take a look on the code).

> "Thank you for using our project! It is truly a pleasure and a great reward to see our hard work appreciated.
> Sincerely,
> [Zerari Tarek/Houam Kamal]"