Team 10

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README

1. There are two folders namely “**synthetic\_taskset**” and “**textfile\_exec**” in the submission folder.

2. The “**textfile\_exec**” contains the Part 1 of the assignment and it has “**test.c**” , “**edf.h**”, “**RM.h**”, “**DM.h**” , “**input.txt**” and “**makefile**”.

3. Run the **makefile** by the “**make”** command and it will generate the main executable file.

4. Run it by “**./main”** command.

5. It will do the EDF, RM and DM analysis for the tasksets extracted from the “input.txt” file.

6. The “**synthetic\_taskset**” contains the Part 2 of the assignment and it has “**syn\_taskset.c**” , “**edf.h**”, “**RM.h**”, “**DM.h**” , “**report.pdf**” and “**makefile**”.

7. To verify the graph in the report, you need to change some parameters in the file **syn\_taskset.c** which are:  
 **line 14:** in **task\_len** change the number of tasks to 10 or 25  
 For verifying plot 1, comment line 74 and uncomment line 73 and assign **task\_len** to 10

For verifying plot 2, comment line 74 and uncomment line 73 and assign **task\_len** to 25

For verifying plot 3, comment line 73 and uncomment line 74 and assign **task\_len** to 10

For verifying plot 4, comment line 73 and uncomment line 74 and assign **task\_len** to 25

8. Run the **makefile** by the “**make”** command and it will generate the main executable file.

9. Run it by “**./main”** command.

10. It will do the EDF, RM and DM analysis for the tasksets created synthetically according to the above mentioned parameters.

11. The analysis report is presented in the form of 4 different plots in the **report.pdf** file.