#Process Scheduler Project
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#Compiling

The compiling process is automated by a 'makefile'.

In the folder that you extract the files all you have to do is type *make* in the terminal.

#Running

After compiling with makefile, your output will be a executable file named *process_scheduler.*

Use the command './process_scheduler' in the terminal.

The program gives you a menu with the options to manually input the values you want or to input by using the *'input_file.txt'*.

If you chose manual, the terminal will ask you value by value and all you have to do is input them as asked.

If you chose input by file, the values in the file should follow the rules and order below:

#The first line is the N number of processes
#The second line has the N Burst times of the processes in order
#The third line is wich algorithm the user wants: 1 for fifo 2 for SFJ 3 for SJRF 4 for RR
#If its FIFO or SFJ it stops reading, if it's SJRF the fourth line has the priorities and if it's RR it has the arrival time for each process
#if it's RR the fifth line has the quantum time....

#Example FIFO with 5 process (has to be in the input_file.txt)
5
2 3 4 6 8
3
1 2 3 4 5

#Output

The program will generate in the terminal the output of the algorithm with the choosen configurations.Will also show for each process the Waiting time and Turnaround time, aswell as the Averages Waiting time and turnaround time.

The program then goes back to the main menu.s