In this code first add some header file
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/wait.h>
#include <sched.h>
#include <time.h>
#include <math.h>

First open the file for the store time every process

And initialize the pid1 pid2 pid3 and after the struct timespec and store time in
tart_timeA, end_timeA, start_timeB, end_timeB, start_timeC, end_timeC;
double execution_timeA, execution_timeB, execution_timeC;

And reset time clock for A
clock_gettime(CLOCK_MONOTONIC, &start_timeA);

First check pid and if less than 0 then fail

And for assigned a distinct scheduling policy: SCHED_OTHER, SCHED_RR, and SCHED_FIFO. And set scheduler for for a and call excel count function and similarly for all and count and calculate the time and all in file fifo similarly for RR and also for other

And after the all function execution all thing is print and and for bar graph use python and use matlab module to print a bar graph and in three different colors

For RUN code

Just type **make**

and after print all time for different process like fifi rr other and write **make problem2**