Memory Management Simulation Written in C.

Memory Manager Program - Readme File @author: Kerri McMahon

Welcome to my Memory Management Simulation Program. Some brief things to note:

-TO USE AND RUN PROGRAM:

-Open terminal (CLICK BUTTON IN BOTTOM RIGHT CORNER, TYPE IN TERMINAL IN SEARCH BAR)

cd ./Desktop/cpu

./memory_manager
    ASSUMPTIONS - -
    Maximum amount of processes in the queue that can be considered is 10 for each
algorithm.
    Job size no more than 1000.

My program consists of:

-int main() function -Purpose: to control program flow

-void ff() function -Purpose: to perform First Fit Algorithm

-void bf() function -Purpose: to perform Best FitAlgorithm

-void wf() function -Purpose: to perform Worst Fit Algorithm

-My program does NOT include its own header (.h) file, as it was not necessary.

How to use my program:

-Choose which algorithm you would like to simulate

Press 1 for First Fit
Press 2 for Best Fit
Press 3 for Worst Fit

-If you choose FF: you will be asked to input process ID's, process sizes, block
sizes. memory block will appear

You will be able to remove a block, display the waiting queue, or return to main menu.

-If you are in BF:

    Memory block will display

-If you are in WF - Algorithm will display -Press 9 to exit the program after desired
execution