Project: Virtual Memory Management

Protocol for Project Submission and Testing

- On the due date, at the start of the class time, we will post the following files on Canvas:
    1. init-no-dp.txt
    2. input-no-dp.txt
    3. init-dp.txt
    4. input-dp.txt
- Files 1 and 2 expect no demand paging. Files 3 and 4 expect demand paging.
- The init files have 2 lines each and define the memory hierarchy.
- The input files contain 1 line each and contain a series of VAs.
- All files will have syntactically and semantically correct formats.
- If you did not implement demand paging, then download files 1 and 2, run your program, and produce an output file named output-no-dp.txt.
- If you did implement demand paging, then do the same with files 3 and 4 and produce a file named output-dp.txt.
- You can submit both output files, if you think your demand paging version is not very reliable. We will use the file that provides the larger credit.
- By the deadline, upload two separate files on Canvas:
    - Your output file
    - A zip file containing the following:
        - A README file that describes how to run your program. The specific instructions will depend on your programming language but should be sufficient to allow us to run your program using no more than 2 command lines (compilation, if necessary, and execution).
        - The source code of your project
        - The executable code (if appropriate)
    - No other documentation is necessary.
- You will have several hours to perform the above task, which should also give you some time to fix any minor problems (e.g., an unexpected crash).
- You can still submit your files after the deadline but it will be considered late.
- We will evaluate the output of your program and post the results on the gradebook.
- We will also post the expected output files so that you could check which test sequences, if any, you failed. You can then see the TA during office hours to contest the results. If you have a valid justification for why your results are different, we may accept the results or award additional credit.
- To assure integrity and honesty, we will do the following:
    - Run your submitted code through a service (e.g., turnitin) that detects the sharing/reuse of code, plagiarism, and other forms of disallowed cooperation.
    - We will attempt to run your program to see if the output matches the posted output file. If we are unable to run it, then we will ask you to see the TA to demonstrate it.
    - **Important**: Do not edit or otherwise alter the posted output file. **The output we generate from your posted program must match exactly the posted output** file to avoid a further inquiry.