CS340
Lecturer: Dr. Simina Fluture
Homework 1

PART A:
Two of the most popular operating systems are MS Windows and UNIX.
If you want in your outline you can choose the Mac OS instead of Unix.
In about two pages, give a brief outline describing each. Emphasize the features and advances of the more important versions.

PART B:
- Give examples of **Real-Time Operating Systems**.
- In about half page describe what an **Embedded System** is. Give examples of embedded systems.
- Are Embedded Systems the same as Real-time Systems? Discuss.
- Give examples of TSR processes of our days.

PART C:
Do an Internet search and give an overview for Interrupts and Interrupt Request.

- Unix (linux)- computer:
Use the `man` command to find out about the `trap` instruction.
Type: `man trap`
Give an **overview** of what you read (not cut and paste).

PART D:
Carefully read the posted Grading Policy and the definitions for Plagiarism and Cheating posted on the course webpage under **Academic Integrity**

If you have any questions related to these topics please email me. Otherwise, please enter your name in the following paragraph. At the end of the paragraph sign your name by entering the initials.

I, _____ have carefully read and understood the posted Grading Policy, and the definitions of Cheating and Plagiarism given in the Academic Integrity link. I am aware that any student caught cheating or plagiarizing will automatically receive an F for the course and that other forms of dishonesty will result in similar actions.

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Name Initials