

Introduction to PC Operating Systems  
CNET - 173  
Mr. Sylvester  
Assignment #3

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**Note: Assignment is to be typed and printed. Diagrams must be properly labeled and created in an application, not drawn by hand. Assignment must be turned in with a cover sheet that includes your name, course name, number, day and time, assignment name, instructor's name, and due date. Assignment must also be submitted in CANVAS.**

1. Other than mainframe computers, list two types of computers that have used. For each type of computer, list the operating system that runs on it, any system software that runs on it, and application programs that runs on it. Also for each type of computer, explain the design and the purpose of the design of the operating system. List all I/O devices of each type of computer, memory size (primary, secondary).

2. Given the two types of computers you have listed, using the modern computer system diagram from your book, create the computer system design or each computer type.

3. Given the two types of computers you have listed, discuss how storage is managed and how it controls the access of processes (security).