

CS 125 – Introduction to Computer Science
Fall 2008

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Spring 2009

Assignment 07 – Understanding Computers: Introduction to World of Computers
Due: Monday, April 27, 5pm.

Read Chapter 1 in the Understanding Computers text.

Create a text file.

Rename the text file: "CS125-A07-NAME" (1 pt)

Rename the file such that NAME is your last name.

Type your answers to the questions below in the file and submit it via e-mail.

I. Define the following terms: (2 pts each)

- a. Computer
- b. Uniform resource locator (URL)
- c. Processing
- d. Storage
- e. Programmer

II. Write a brief paragraph that compares and contrasts (identify both similarities & differences) the following terms pairs (5 pts each):

- a. Hardware & software
- b. Application software & operating system
- c. Data & information

Here is an example of what I'm looking for:

Personal computer & mainframe

A personal computer is relatively small and inexpensive. While multiple people may use it, it is intended to be used by one person at a time. Desktop computers and laptops are examples of personal computers. In contrast, a mainframe is a relatively large and expensive computer. Mainframes are typically owned by large institutions like banks or colleges rather individuals. A single mainframe might be simultaneously used by thousands of users and is more powerful than a personal computer.