Mt. San Jacinto College – Fall 2013

CSIS 151 – Using the OS Command Line Interface (1526)

HomeWork #6

Read   E-Book   -
https://books.google.com/books?id=lB4PAwAAQBAJ&pg=PA96&lpg=PA96&dq=8088+intel+video&source=bl&ots=3UPUUM04eP&sig=Hgwo4DC1Zujf9iVlzz01uMGaoFc&hl=en&sa=X&ved=0ahUKEwjk5ujfpLDPAhUE7GMKHb0vBwwQ6AEITjAH#v=onepage&q=8088%20intel%20video&f=false

Answer following questions

1) Which company created the TRS-80 computer?

2) TI99 was expected to do what to their competitors?

3) Why was the Apple II the highest total of sales?

4) Which computer was called a white Darth Vader head with a computerized body?

5) Write a paragraph on using a DOS PC. Include the following,

What step would you take to boot up the PC,

When would you enter the password,

What are you expecting on boot up? (what would be on your monitor?)

How was the keyboard and Mouse connected to the PC?

Could you actually paly games on these PC's?

(Note: You will need to do additional research)

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CSIS 151-1425

Homework Week 7 Answers

1) The TRS-80 was created by the Tandy Corporation.

2) The TI99 was expected to wipe out all competition due to its 16-bit CPU running at 3MHz.

3) The Apple II had the highest total sales because of its lifespan being 8 years long, which was vastly longer than its competitors, meaning it had more time to sell units.

4) The Commodore PET was referred to as the white Darth Vader head with a computerized body.

5) If you want to use a PC running DOS (i.e. IBM PC 5155), the first step to run DOS would simply be to turn the PC on! The process however, is slightly different from the modern PC. First you must turn on the monitor and wait for the cathode tubes to heat up to display an image then proceed to turn on the PC itself. The next step will be to insert your copy of your version of DOS (i.e. MS-DOS, PC-DOS, etc.) and press CTRL+ALT+DELETE to reboot the system. You will then be prompted to boot the PC using the inserted floppy disk to boot DOS. At this point you will see displayed on your monitor a readout of the specs of the machine you are using as DOS configures itself for your PC's hardware configuration. There is no password or username required as DOS only no user interface or, for that matter, a GUI at all. Your standard mouse and keyboard of the era would connect via serial ports most likely located on the side of the

machine. These PCs were in fact decent machines for playing video games as well. I myself played games on these machines from old floppy disks I used to have. IN fact an extremely well-known video game ran on DOS, DOOM.