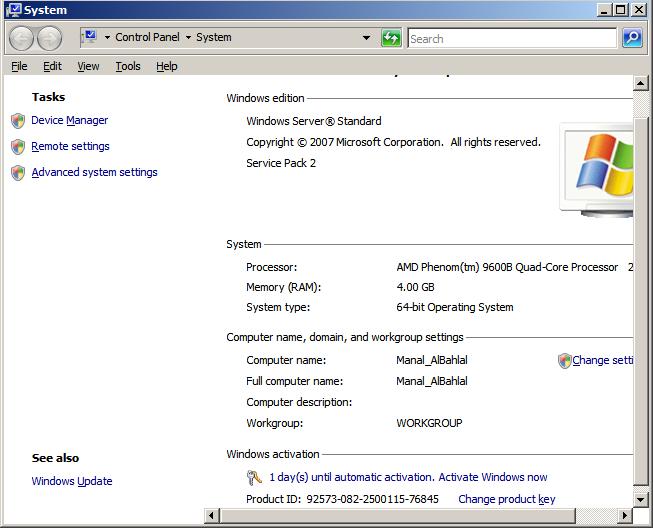
**(Pair**( Due Date: May 30, 2013

Install the Windows Server 2008 either regularly, in a partition or using an appropriate Virtual Machine( ex: Virtual Box…), from the link below:

<http://www.microsoft.com/en-us/download/details.aspx?id=5023>

Take a full snapshot of your system properties. Your print screen should be like this:



**Your Name**

Take a snap shot of running virtual machine application where Windows Server 2008 is installed and running.

**Q1 :**

1. **Sahara**company contains 3 departments as follows:
2. Administrative department: contains (president, vice president &1secretary)
3. Finance departments:
   1. Accounting
4. IT department:
   1. Help Desk
   2. Development

You are the administrator of the **SaharaCompany,**and you decide to implement window server 2008 Active Directory with one domain named (**yourfullname.Sahara.com.sa**) and you decide to use the OUs to organize the domain.

1. Create a new domain in your server. In order to create a domain in the server, your server should be a domain controller, so you have to install Active Directory first **(Hint:** AD need a network in order to be installed whether it's a network connection or just a computer connected to the internet
2. Draw the suggested OUs chart for this domain.(logical design)then implement it.
3. Then, create the users accounts with distinguished name, first name, last name, display name, log on name , job title, department and company

* Each department has a manager and 1 secretary except Administrative department
* Each section has a section head , 1 employee

1. Delegate control of each department to it's manager

Provide screen shots for OS structure and created users

1. In **Sahara CO.** (**Sahara CO** structure explained previously, there are ***Computer\_Configuration&Development\_Plan***folder which exist in a file server in the yourfullname.sahara.com.sa domain, and you want every **section head & employees** in IT department to have full control on those folders.

Explain how you would complete this task. First, create the folders and publish them in AD, then implement your plan explainedpreviously (**by using sharing permission**).

Q2)

Set a simple network with 1server (the one that you install 2008 on it) + 1client.

Notice the following:

* + 1. Home edition computer whether its XP, Vista or Windows7, cannot be used in your network as clients
    2. If you are 2 students, one will be the server and one will be the client.



* + 1. Use any network type you want to conduct the network.

This video may be helpful

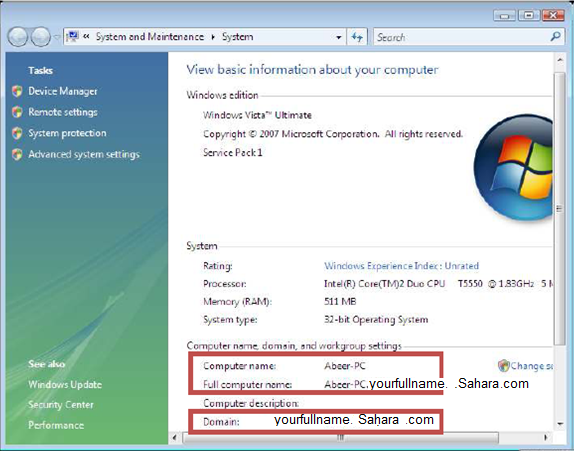
<http://www.youtube.com/watch?v=fX-j4srIpF8>

* + 1. After implementing the network do the following

1. In the server side :
   1. No need to create new domain in the server computer use the domain (yourfullname.Sahara.com.sa)

2. In the client side: Join the client to the domain.

a. Take a print screen for the client with the computer name properties window opened and the name of the domain that this client is part of it, is clearly appear. Like the one below:



* + 1. Try to give the employee of Development section in IT department deny read permission on ***Computer\_Configuration*** folder, then log in from client as Development section employee and try to access that folder. What will happened? Explain? How can you see the permissions assigned to the employee over that folder? Provide print screen from server & client side.

Q3) configure disk quotas by:

* + enable quota management
  + Deny disk space to users exceeding quota limit
  + Limit disk space to 10 MB
  + Set warning level to 9 MB
  + Log event when the user exceeds their warning level

Q4) manage the disk by:

1. Shrink disk to unallocated space about 15 MB
2. Create new simple volume

* Assign letter E
* Format this volume with the following setting:
* NTFS file system
* Volume label: Back up
* Perform quick format