IT Essentials 5.0

5.3.2.16 Lab - Managing Virtual Memory in Windows 7
Introduction
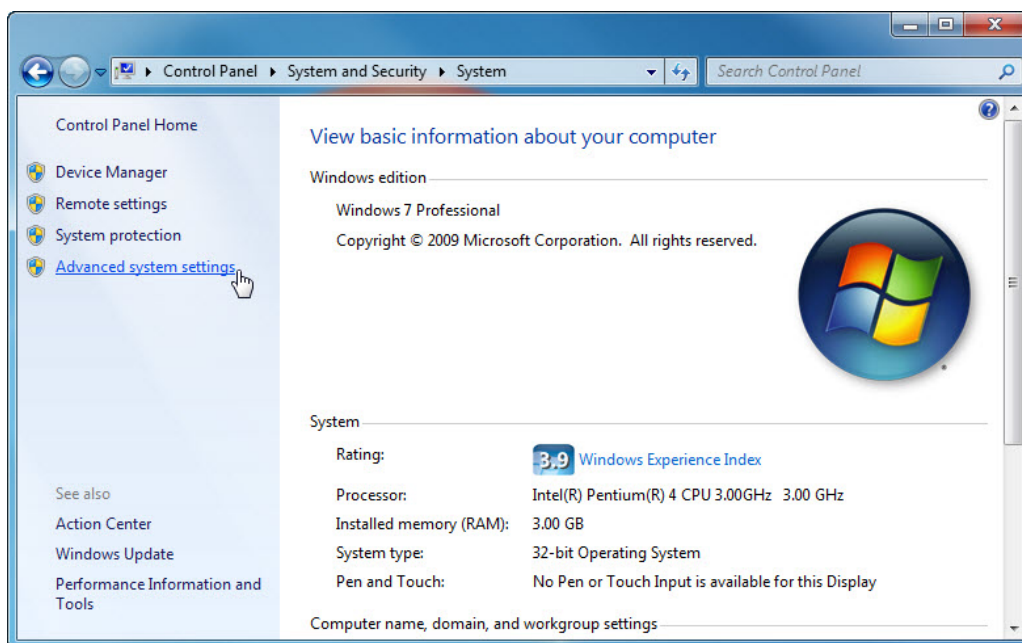
Print and complete this lab.

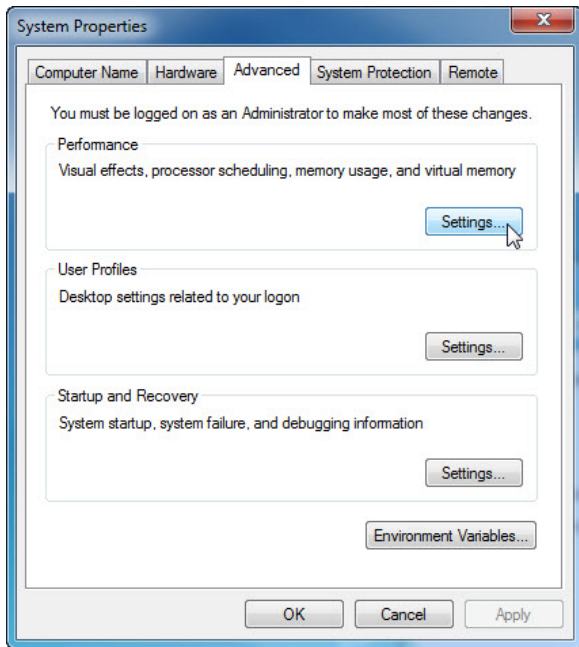In this lab, you will customize Virtual Memory settings.

Recommended Equipment
- A computer with Windows 7 installed
- The hard drive must have two or more partitions

Step 1

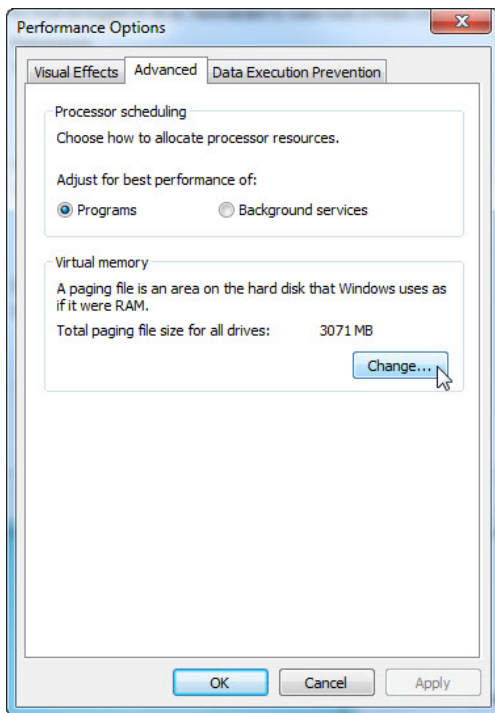Click Start > right-click **Computer > Properties > Advanced system settings**.

The "System Properties" window opens.

Select the **Advanced** tab and then click **Settings** in the "Performance" area.
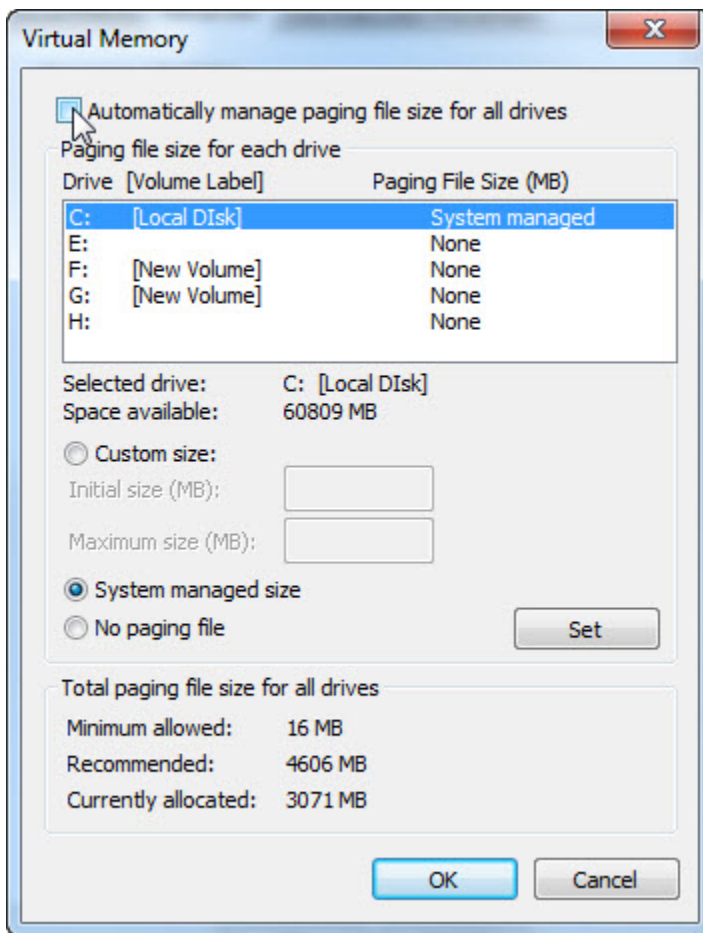
Step 2

The "Performance Options" window opens.
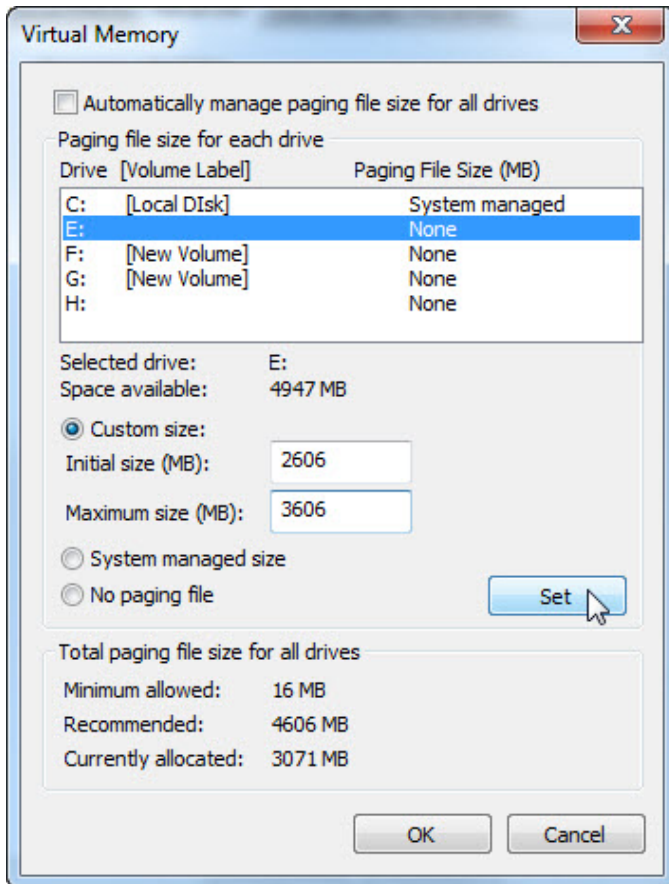

Click the **Advanced** tab.

What is the current size of the Virtual Memory (paging file)?

Click **Change** in the "Virtual memory" area.

The "Virtual Memory" window opens.

Remove the check mark from **Automatically manage paging file size for all drives**.

What Drive or [Volume Label] contains the paging file?
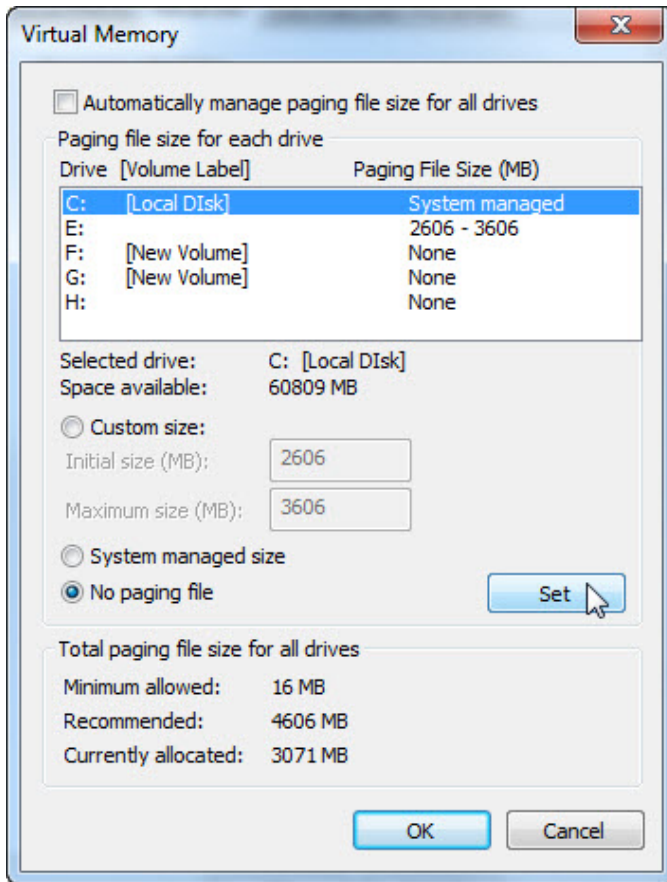

Choose the **E:** drive.

Select the **Custom size:** radio button.

Look at the "Recommended" size in the "Total paging file size for all drives" section of the "Virtual Memory" window.

Type in a number smaller than the recommended file size in the **Initial size (MB):** field.

Type in a number that is larger than the Initial size but smaller than the recommended file size in the **Maximum size (MB):** field.
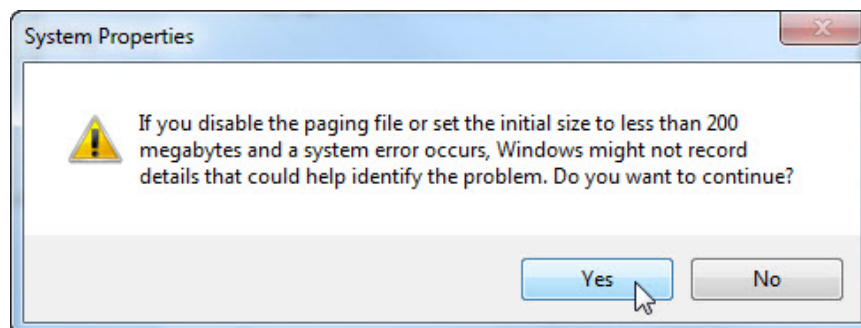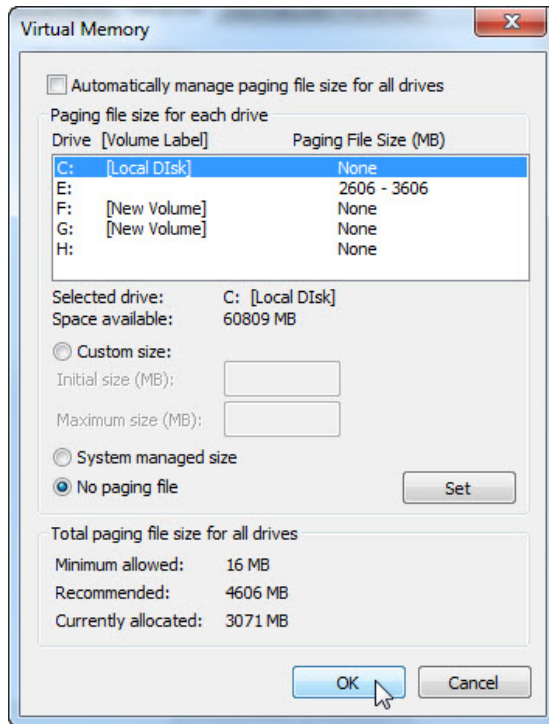

Click **Set**.

Select the **C:** drive.

Select the **No paging file** radio button, and then click **Set**.

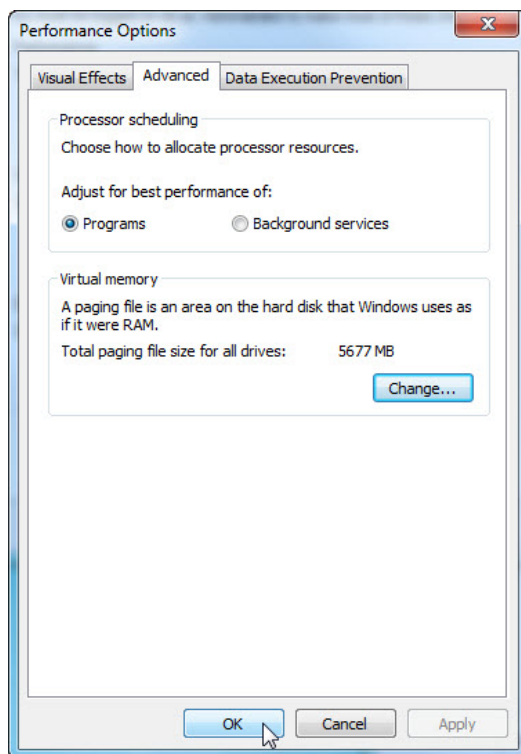The "System Properties" warning message appears.

Click **Yes**.

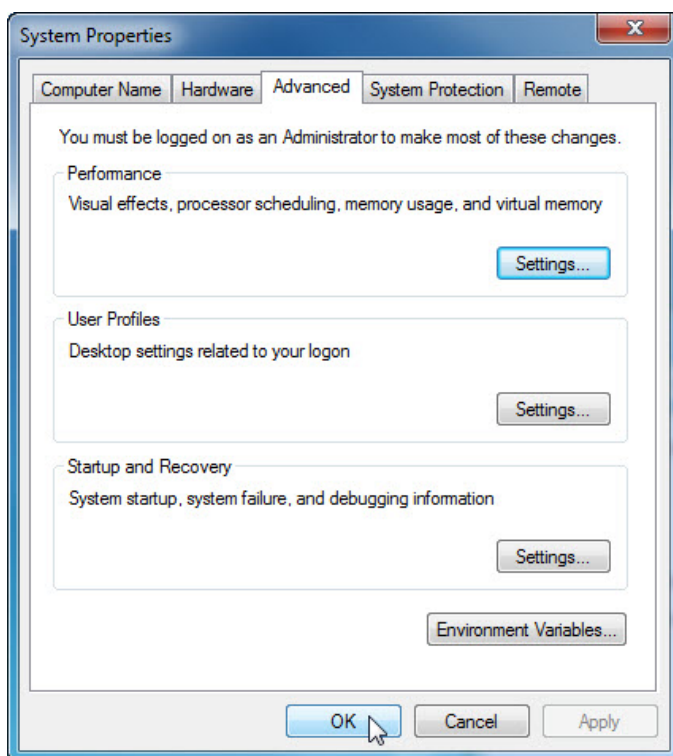Click **OK** to accept the new virtual memory settings.

The "Performance Options" window re-appears, click **OK**.
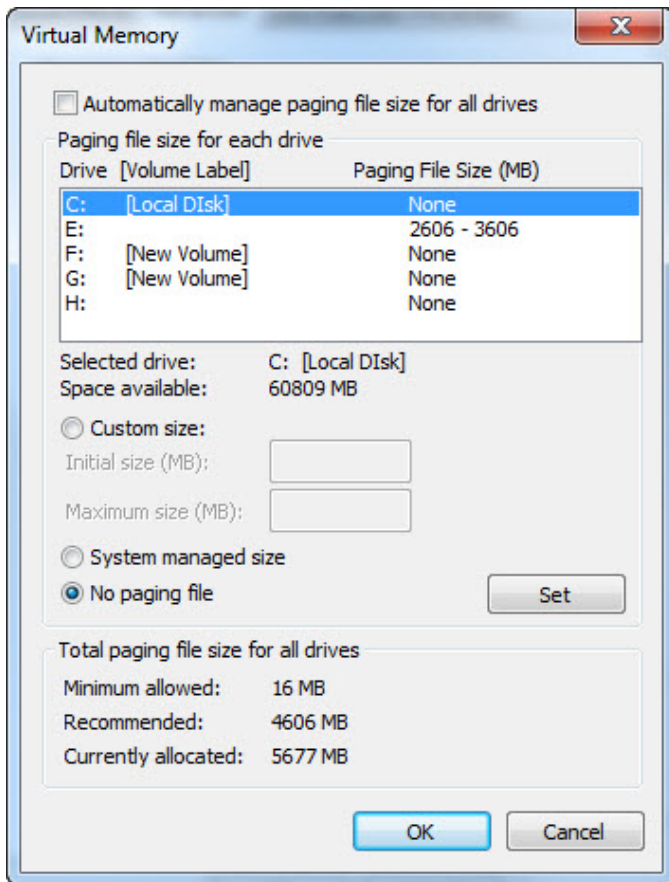
Click **OK**.

The "System Properties" message window appears.

Click **OK**.

Step 3

Navigate to and open the "Virtual Memory" window.

What Drive or [Volume Label] contains the paging file?
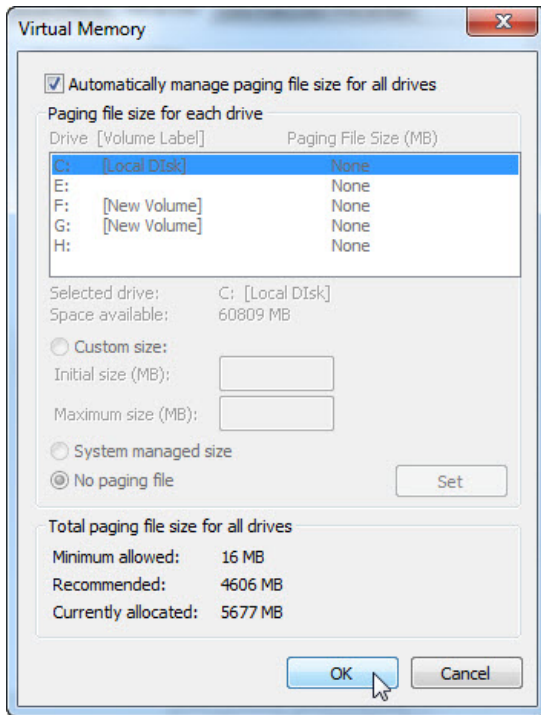

Click **Cancel** to close all open windows.

Step 4

Reset the virtual memory back to the original settings.

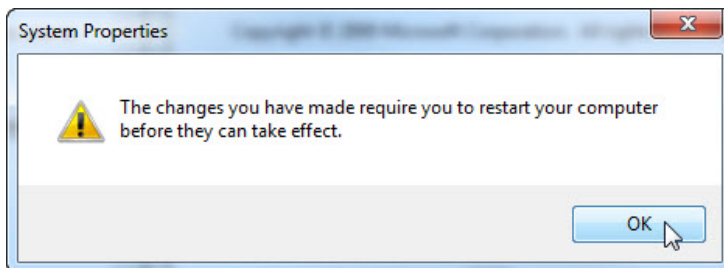
Select drive **C: [Local Disk] > System managed size > Set**.

Next select drive **E: > No paging file > Set**.

Add the check mark to **Automatically manage paging file size for all drives**, and then click **OK**.

The "System Properties" restart warning message appears.

Click **OK**.

Click **OK** to close the following windows: Performance Options and System Properties.

The "You must restart your computer to apply these changes" message appears, click **Restart Now**.