

Lab Report

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## Your Performance

Your Score: 5 of 5 (100%)

Elapsed Time: 4 minutes 19 seconds

Pass Status: Pass

Required Score: 100%

## Task Summary

Actions you were required to perform:

- ✓ Install the video card with DVI and HDMI connections [Show Details](#)
- ✓ Connect the left monitor using the HDMI cable
- ✓ Connect the right monitor using the DVI-D cable
- ✓ Make the left monitor the main monitor
- ✓ Change the arrangement of the monitors

## Explanation

In this lab, your task is to configure dual monitors as follows:

- Select and install a video card that provides you with dual monitor support for both monitors using a digital connection to the video card.
- Connect the left monitor to the newly installed video card using an HDMI cable. The new monitor is already plugged into the surge protector.
- Connect the right monitor to the new video card using the DVI-I cable.
- Turn on the computer.
- Turn on the new monitor.
- Make sure **Extend these displays** is selected.
- Configure the display properties to show the Start menu and taskbar on the left monitor.
- In the Display Properties, configure the relationship of the two monitors to reflect the physical placement of both monitors with the new monitor 2 on the left as the main display.

Complete this lab as follows:

1. Select and install the video card as follows:
  - a. Above the right monitor, select **Back** to switch to the back view of the monitor and examine the available ports on each monitor.
  - b. Above the left monitor, select **Back** to switch to the back view of the monitor and examine the available ports on each monitor.
  - c. Above the computer, select **Motherboard** to switch to the motherboard view of the computer.
  - d. Select **Yes** to turn off the system.
  - e. On the Shelf, expand **Video Cards**.
  - f. Drag the **PCIe video card with DVI-I, HDMI** from the Shelf to the PCIe slot on the computer.
  - g. Select the **power supply**.
  - h. Under Selected Component, drag the **6-pin PCIe Power Supply connector** into the video card.
2. Connect the left monitor as follows:
  - a. Above the computer, select **Back** to switch to the back view of the computer.
  - b. On the Shelf, expand **Cables**.
  - c. Read the **descriptions** for each cable to identify the cable to connect each monitor to the computer.
  - d. Select the **HDMI cable**.
  - e. Under Selected Component, drag a **HDMI connector** to the new video adapter in the computer.
  - f. Under Selected Component, drag the other **HDMI connector** to the HDMI port on the left monitor.
3. Connect the right monitor as follows:
  - a. On the computer, drag the **DVI-D cable connector** from the built-in connector to the new video card in the computer.
  - b. Above the computer, select **Front** to switch to the front view for the computer.
4. Extend the desktop to both monitors as follows:
  - a. Above the right monitor, select **Front** to switch to the front view.
  - b. Above the left monitor, select **Front** to switch to the front view.
  - c. On the left monitor, click the **power** button.

- d. On the computer, click the **power** button.  
The computer starts on Monitor 1 (currently the right monitor) which has the Windows taskbar, so it is the main display.
  - e. Right-click the **desktop** and select **Display settings**.
  - f. Maximize the window for easier viewing.  
Under Multiple displays, Extend these displays is set by default.
5. Make the left monitor the main monitor as follows:
- a. Under Select and rearrange displays, select the monitor labeled **2**.
  - b. Under Multiple displays, select **Make this my main display**. Notice that Start and the taskbar disappear.
  - c. Under Select and rearrange displays, select **Identify** to verify which screen you are on. The monitor should display a large 1.
6. Change the arrangement of the monitors as follows:
- a. From the top navigation tabs, select **Office 2** to verify the main display.
  - b. On the left monitor, select **Click to view Windows 10**. This monitor now has the Windows taskbar, so it is the main display.
  - c. Right-click the **desktop** and select **Display settings**.
  - d. Under Select and rearrange displays, drag the **2 box** for a monitor to the left so that the main display monitor is on the left.
  - e. Select **Apply**.
  - f. Select **Identify** to identify the monitor you are working with (monitor 1 or monitor 2) as identified by the operating system.  
If you have configured the monitors correctly, the Start menu and taskbar should show on the left monitor screen.