## Due date:

The due date for this lab assignment is 11:00 pm Saturday, September,17 , 2016.

Mark: 10

## Submission Guidelines

Download Lab 2 from Blackboard and fill in the blanks. Save the file using your first and last name and the lab number as the file name. Example: **Mike\_rezae\_Lab 2.docx** and submit via ***your lab instructors Blackboard site***.

The submitted document **must be in MS-Word format.** If you submit the lab in any other format you will receive a mark of zero!

## Objective:

In this exercise, you will be identifying the components and features of your laptop. This will help you to understand the limitations of your particular machine as well as its strengths and weaknesses.

## Required equipment and supplies:

* College approved BYOD Laptop
* Network Connection to the World Wide Web
* Blackboard

## Additional Information:

A laptop computer contains a number of features which allow users to perform various tasks and easily transport their computer to a comfortable productive working environment or to a location where the work must be performed.

Things to consider when acquiring a laptop computer are:

1. Weight and size. Large or wide-screens are often easier to read, but generally increases the size and weight of the device. Making it hard for some users to carry the laptop around.
2. Battery capability. Battery life is among the prime considerations. Newer battery technology reduces the weight of the battery, increases the amount of charge the battery can hold, and the working life of the battery is often extended.
3. Connectivity features. Most users want a laptop with a variety of connectivity options. A wired Ethernet jack and Wi-Fi are generally must-haves. Better Wi-Fi and other connectivity options such as USB, Fire wire, and Bluetooth are also important considerations.
4. Disk/Persistent storage. Size, speed, power requirements and cost are important factors when considering mass storage.

## Procedure:

## Basic System Information:

Access your **Control Panel**. In the top right corner of the **Control Panel** window you should see a drop down box titled **View By:**. Select **Small Icons** in this drop down box. This will show you a more detailed view of the **Control Panel**. You should be able to see a icon labeled **System**. Double-click the **System** icon and then record the following info you from the **System Properties** window that appears.

1. Make and Model of the laptop:
2. Operating System and Type:
3. Processor type and Speed:
4. Number of Processor Cores:
5. Installed memory (RAM):
6. Computer Name:

Access the windows file browser; this is usually titled **File Explorer**. From your file browser, look for **Computer** or **This PC** which will bring you to a window showing the storage available to this system. Record the following information from the or all storage devices available to your laptop.

1. Storage Type(s):
2. Storage Capacity:
3. Optical Drive: Yes/No

If you have an optical drive; what type is it? If you look at the outside of your optical drive, you may be able to see what type of optical drive you have from the label. Record the following information about your laptop. Hint: You may also want to look at the manufacturer's web page for your specific model of laptop and examine the specifications page.

1. Optical Drive type:
2. USB Ports: How many: Type: 2.0/3.0
3. VGA Port: Yes/No
4. HDMI Port: Yes/No
5. Web Camera: Yes/No
6. Ethernet port: Yes/No
7. Separate Graphics Card: Yes/No
8. Screen size:
9. Miscellaneous – These are items/features that your laptop has but are not listed above:
10. Now that you have had your laptop for a while, what do you like about it? What do you dislike about it?

When you have completely filled in the information above log into Blackboard and use the submission link to send your instructor your work for grading.