# Your opinion in making a choice for selectinga computer is required.

## Scenario

Jennifer is working in a company in Vancouver, Canada. She is a Project Manager, and his company permits him to work from home. The company has provided him with an official laptop. However, she wants to keep a separate computer for home and office to avoid the hassle of carrying the laptop from home to office and back. The company’s network can be accessed by a username and password given to him. She wants to make a choice and wants your suggestion in selecting a computer and any other peripherals that you think are important for him to work comfortably from home.

## Nature of his work

Jennifermust work on large Excel spreadsheets consisting of 100 to 150 columns data with more than 5000 rows to handle in a single worksheet. Shemust work on multiple spreadsheets at a time.Shemust attend conference calls on a regular basis and conduct meetings with his co-workers.

## Budget

The company has made aprovision of $1800 for Jennifer to buy the computer along with any necessary peripherals for him to work efficiently from home. The amount**(CAD $1800)** is inclusive of all taxes and equipment Jennifer would need.

## Suggestions

Make a choice for Jennifer to help him select and justify the selection of computer, the specification of hardware selected and any peripherals that are necessary for him so that She can telecommute.

Using the sheet on the following pages, fill the details of the computer shortlisted.

Think carefully about the **needs of Jennifer**while choosing the computer.

## Note:

## Download this document. Write the answers in the box next to the question provided byclicking in the box and then write your answer. Any definitions should be written in your own words. Name the Word document file as Computer SelectionAssignment - your full nameand upload the file on Brightspace in the Computer Concepts Assignments folder.

## The screenshot showing the computer configuration, price, link should be clear andreadable.

## 5 marks are for selecting the right computer. 2 marks for each question. So, make your choice carefully based on Jennifer’s needs.

| Q.No. | Topic | Question | Answer |
| --- | --- | --- | --- |
|  | WEB | What website did you find the computer on? Give the complete address link of the selected computer. The link should take me to the computer you selected for Jennifer. | Give the complete clickable website link here.  <https://www.bestbuy.ca/en-ca/product/lenovo-thinkpad-e15-gen-2-intel-11th-gen-core-i5-1135g7-16gb-ram-2tb-ssd-storage-win11-pro/15386748> |
|  | TYPE | What type of device is it? (Desktop/Laptop / tablet) | Laptop |
|  | COST | How much does the computer cost? | $1787 inclusive of taxes |
|  | SOFTWARE | Name the Operating system of the computer? Mention the bits as well. | Windows 11 Pro 64, English |
|  | PROCESSOR | Which is the processor used in the computer andwhat is the speed of the processor in GHz? | 11th Generation Intel Core i5-1135G7 Processor  Speed is 2.40 GHz |
|  | PROCESSOR | How many cores does this computer have?(Dual, quad, 6, 8, 12) | Quad(4) |
|  | MEMORY | What is the size and type of temporary memory? | 16GB DDR4 |
|  | STORAGE | What is the storage capacityof the hard drive?  Is it a regular hard drive or a solid-state hard drive? | 2TB  Solid state hard drive |
|  | NETWORKING | Does the computer have the Wi-Fi capability? |  |
|  | NETWORKING | Does the computer have Bluetooth capability? |  |
|  | NETWORKING | Define Bluetooth technology. | It is a technology that allows two or more devices to connect and communicate in order to share data without the use of wires or cables. |
|  | NETWORKING | Define Wi-Fi technology. | Wi-Fi stands for Wireless Fidelity which is a wireless networking technology which help different devices like computers, mobile devices to connect to the internet and use internet. |
|  | PORT | How many USB ports are available on the computer? Mention their type as well. | 3 ports  1 x USB 2.0  1 x USB 3.2 Gen 1 (one Always On)  1 x Thunderbolt 4 / USB4 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4) |
|  | PORT | Is HDMI port available? | Yes, it has one HDMI 1.4b Port. |
|  | PORT | What is HDMI port used for? | HDMI port is used to connect to the audio/video sources using a single cable. |
|  | HARDWARE | Name the graphic card used in the computer? | Yes, Integrated Intel Iris Xe Graphics |
|  | HARDWARE | What is the size of the display screen? | 15.6 inch |
|  | HARDWARE | What is the screen resolution? | 1920x1080 |
|  | SOFTWARE | What software bundle is provided with the computer? | Microsoft Windows Operating System |
|  | SOFTWARE | Does it come with an anti-virus software? Name the software and the duration of the subscription if provided. | It includes the program called Microsoft Defender Antivirus which is in built in windows. |
|  | OTHERS | List the other devices that you think are necessary to buy for Jennifer to work efficiently from home? | Microphone, ring light(may be ) which she might need while meetings |
|  | SCREENSHOT | Insert the screenshot(s) of the selected computer showing the **website where you found the computer,specifications, and price**of the computer.**Make sure the screenshot(s) is/are clear, big enough and is/are readable.** | |