

# FIRST ASSIGNMENT

Pick your own computer!

# YOU ARE THE EXPERT

- A person you know has asked for advice on what kind of computer to buy.
  - You will be given a scenario that includes a budget and asked to pick out a system that meets the needs of that scenario
  - You will need to find 3 systems that fit the budget and compare them, ultimately highlighting your preferred choice.

# YOU ARE THE EXPERT

- FIRST: What are the needs required by your scenario
  - What types of programs?
  - What types of files?
  - Portability?
  - What hardware requirements will be needed?
  - What other components are needed?
    - Printer? Speakers? Headphones? Tablet? Scanner?
- For the sake of simplicity, only consider pre-packaged systems
  - IE: Do not build this system from parts

# YOUR FINAL PRODUCT

- Your Google Slides presentation must include:
  - A list of what your user actually needs to be able to do
    - ie. Word processing, web browsing, printing, gaming etc.
  - Hardware requirements that address those needs
    - ie. Large hard drive to store lots of family photos
    - ie. Excellent battery life to attend class and take notes
  - A clear explanation of your **three** chosen systems and how they satisfy your needs assessment
    - Including prices!
- Your **top recommended** option of your three and a good justification as to why your choice is the best one.
  - Remember, maxing out the budget is not always the best choice!

# RULES OF THE GAME

No refurbished systems

Sales are OK

BE SURE TO BE LOOKING AT CANADIAN PRICES!

Pre-packaged systems only

Assume internet access  
is the only tech at home

Remember to factor in sales tax! (13%)

# WHY NOT REFURB? CASE STUDY

HP 8100 Intel i5 16GB 1TB HDD Windows 10 Home WiFi Desktop PC 22in Monitor (Refurbished)

★★★★★ 5.0 (1 Review) [Write your review >](#) Model Number: 8100 Web Code: 14731297



SAVE \$561

**\$339<sup>24</sup>**

SALE ends: September 15, 2021

[Add to Cart](#)

[Compare all 3 offers from \\$339.24 >](#)

 **Sold and shipped by MPC COMPUTERS**

3.6 seller rating, 137 review(s)

 **Available online only**

Delivery times vary by location. Most Marketplace items leave sellers' locations within 2 business days. Allow additional time for shipping.

HP Compaq Elite 8100 Desktop Computer PC, 3.20 GHz Intel i5 Dual Core Gen 1, 16GB DDR3 RAM, 1TB SATA Hard Drive, Windows 10 Home 64 bit, 22" Screen Refurbished

# A LITTLE MORE DIGGING...

- Intel Core i5-650 Processor 3.2-GHz, 4M total cache 2 cores/4 threads Integrated Intel HD Graphics Intel Core processor with vPro technology Intel Stable Image Platform Program (SIPP)
  - This “i5-650” is FIRST GENERATION!
  - We are now on the 11<sup>th</sup> generation....



# MARKING SCHEME

Your presentation will be evaluated on the following criteria (in levels for each):

## **Needs Assessment**

How well did you evaluate the needs for your scenario?  
Remember to not simply list them, but explain them as well

## **Justification of Choice**

How did you decide on your final system?  
What comparisons helped influence your decision?  
Use reviews and comparisons here!  
- Merchant reviews do not count!  
Use comparison reviews



# MARKING SCHEME

## **Understanding**

When discussing / comparing systems, how well do you understand the material? Are there mistakes in your explanation?

## **Communication**

Does your presentation look visually appealing?

Did you take the time to add pictures of your system?

Did you use proper English to make a clear presentation?

<b>Criteria</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
<b>Understanding</b>	Had a limited understanding of computer hardware; presentation had more than a few mistakes.	Made good use of computer hardware concepts but made a few mistakes.	Displayed a good understanding of the underlying computer hardware.	Displayed a thorough and clear understanding of the underlying computer hardware.
<b>Needs Assessment</b>	Minimally describes the user's needs and computer requirements.	Somewhat describes the user's needs and computer requirements	Provides good descriptions of the user's needs and computer requirements.	Describes the user's needs and computer requirements with a lot of effectiveness.
<b>Justification of Choice</b>	Gives a choice for the user with limited justification	Provides their choice with some justification as to why it is useful for the user.	Choices are clearly based on evidence from reviews and comparisons.	Justifies the choices for their user with a high level of understanding and explanation – with comparisons and reviews as evidence.
<b>Communication</b>	Very little effort put into the organization and display of project. Some references provided.	Some organization done and some references provided.	Displays findings in an organized manner and provides appropriate references.	Organizes project in a very effective manner and provides all appropriate references.

Note: You must reference all material found online. I am okay with just providing links, but I need to know where you got your information.

# DUE?

- Due? See Due date on the website
- Remember, you don't need the "best" computer - your budget won't allow for this anyway!