Full Stack Developer
FSD-10

Foundations of Web Development
420-WA5-AB

May 17, 2023

Agenda – Class 2

Agenda:

1. Review

2. Review Class 1 Activity

3. Review - Homework
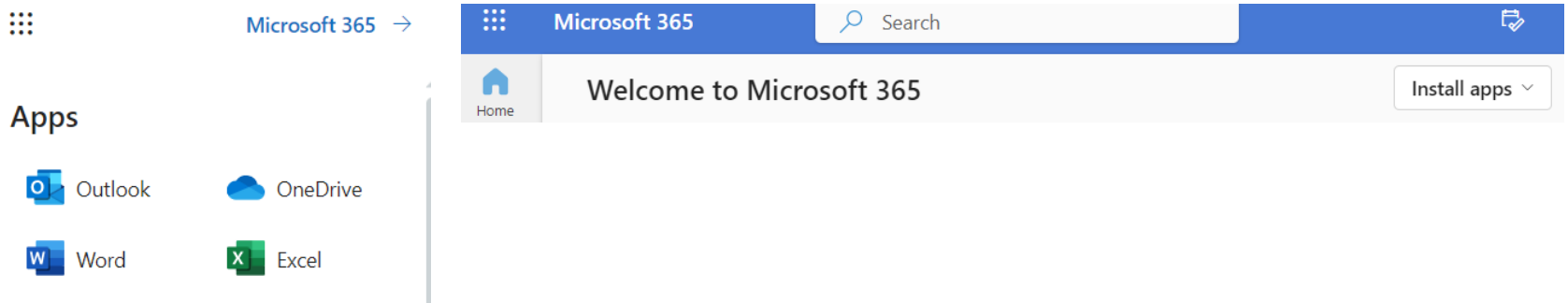
4. Concepts

5. Group Work

6. Exit Quiz

Review

❖ Any questions? Were you able to help out?
    The Technical Support channel

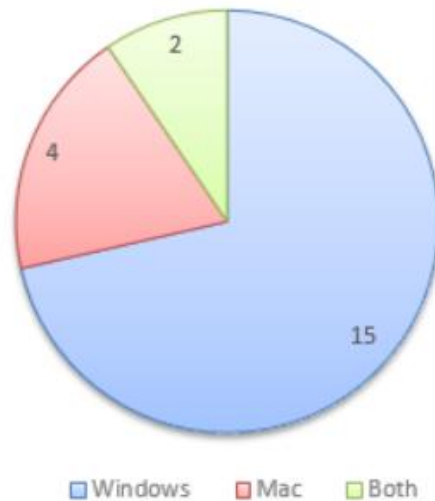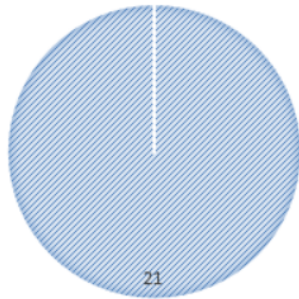❖ Did you see classmates before or after class?
    The Student Lounge channel

❖ Office 365: How to install apps locally (only if needed)
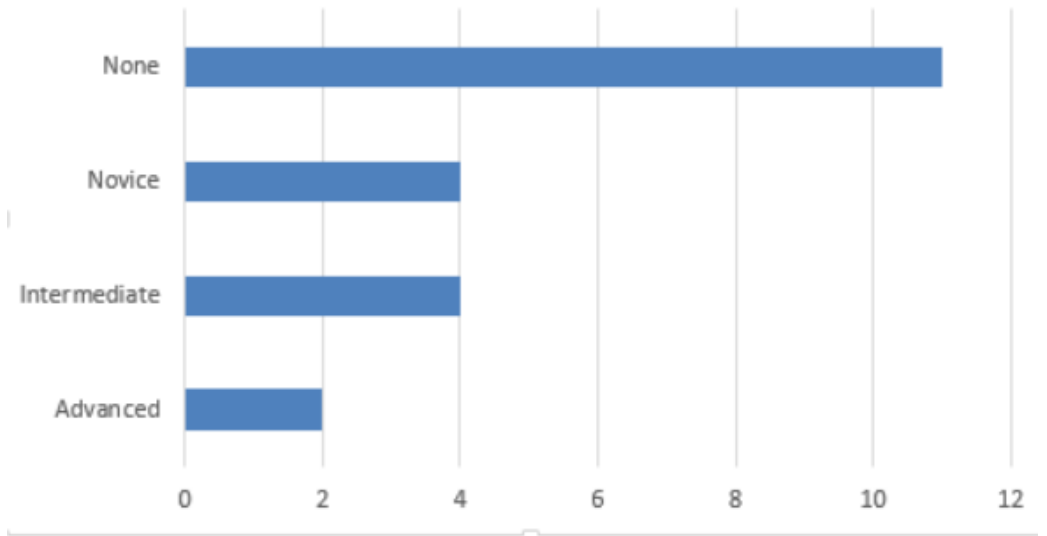   Note: On April 21, 2020, Office 365 was rebranded as Microsoft 365
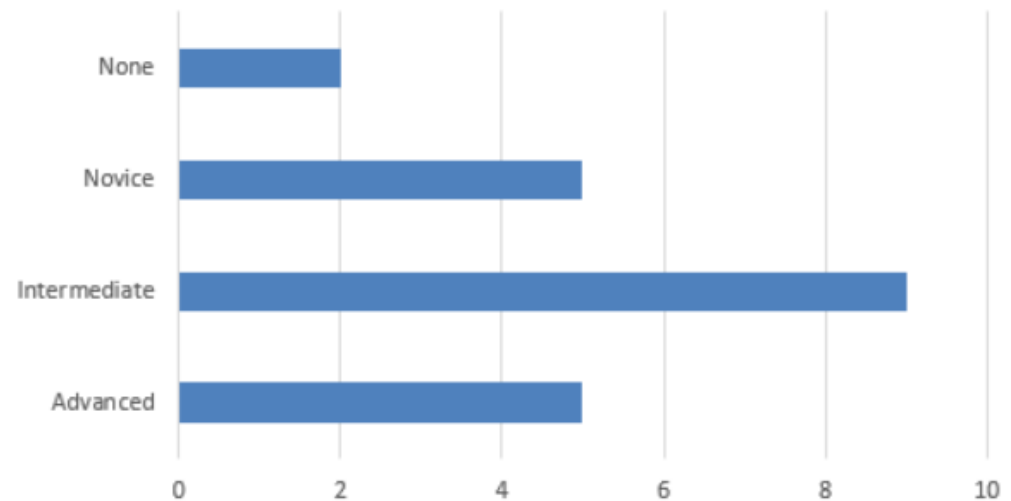
Review

❖ About Me and You

FIRST COURSE AT JOHN ABBOTT

HTML & CSS

Excel

Review Class 1 Activity – Any Questions?

❖ *Lea Course Document*
   ❖ *Acronyms*
   ❖ *X, X+21, X+42*

❖ Update your MyAcronyms document with your 3 acronyms

❖ Add your acroynms to the glossary on Moodle

❖ Submit your file on Lea and on Moode – Assignments – Class Activity for Class 1

Cathy Dutton

11. UI – User Interface

User interface (UI) design or user interface engineering is the design of user interfaces for machines and software, such as computers, home appliances, mobile devices, and other electronic devices, with the focus on maximizing usability and the user experience. In computer or software design, user interface (UI) design primarily focuses on information architecture. It is the process of building interfaces that clearly communicates to the user what's important. UI design refers to graphical user interfaces and other forms of interface design. The goal of user interface design is to make the user's interaction as simple and efficient as possible, in terms of accomplishing user goals (user-centered design).

https://en.wikipedia.org/wiki/User_interface_design

❖ Create a Word Document named MyAcronyms

1. Place your name at the top of the document

2. List your acronym (x) and what the acronym stands for

3. Paste a small picture using the Snipping Tool (as shown in class)

4. Paste a short explanation of the acronym

5. Paste the url of the website used

6. Save your file

Review of the Homework – Any Questions?

❖ Visit the John Abbott Library online – find the textbook: Larsen, Rob. *Beginning HTML & CSS*. Indianapolis, Ind, Wiley, 2013. E-Book QA76.76.H94

Read Chapter 1 pages 1-8
and Chapter 3 page 56 only.

❖ Philippe Hong. (2018). *Practical Web Design : Learn the Fundamentals of Web Design with HTML5, CSS3, Bootstrap, JQuery, and Vue.js*. Packt Publishing

Read Chapter 3 pages 57-63 only.

❖ Visit w3schools html introduction (optional)
https://www.w3schools.com/html/html_intro.asp

Use the Next button or the sidebar to navigate the html pages. Take a look at any of these pages

HTML Introduction

‹ Previous   Next ›

HTML Introduction
HTML Editors
HTML Basic
HTML Elements
HTML Attributes
HTML Headings
HTML Paragraphs

Concepts

1. Lea - Course Documents – Class2_Computer_Concepts

- Motherboard
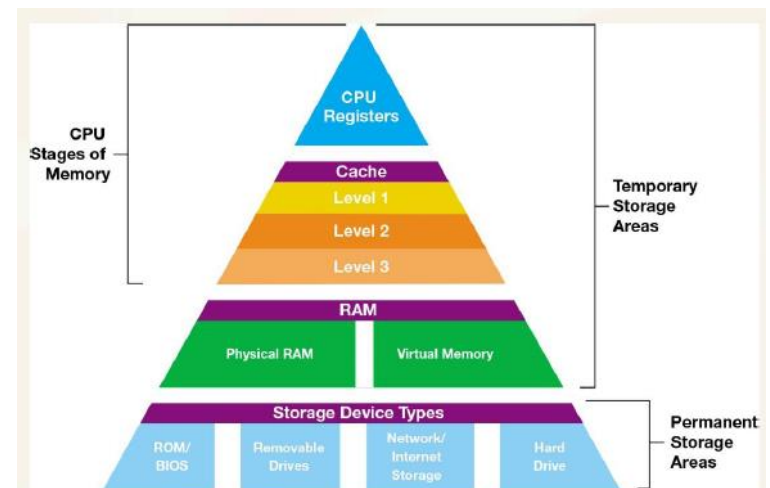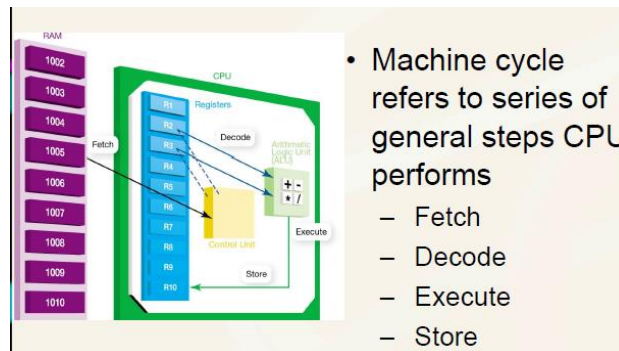- Flow of information through a computer system

Concepts

2. Lea - Course Documents – Class2_Under_The_Hood

   Bits and Bytes

2^3	2^2	2^1	2^0
8s place	4s place	2s place	1s place
1	0	1	1

DECIMAL NUMBER	BINARY VALUE	HEXADECIMAL VALUE
00	0000	00
01	0001	01
02	0010	02
03	0011	03
04	0100	04
05	0101	05
06	0110	06
07	0111	07
08	1000	08

ASCII CODE	REPRESENTS THIS SYMBOL	ASCII CODE	REPRESENTS THIS SYMBOL
01000001	A	01100001	a
01000010	B	01100010	b
01000011	C	01100011	c

CPU

- Machine cycle refers to series of general steps CPU performs
  - Fetch
  - Decode
  - Execute
  - Store

Concepts

3. Lea - Course Documents – Class2_HowTheInternetWorks

All about how the Internet works

1. Packets explained (3:21)
    https://www.youtube.com/watch?v=Gfoc3Cxgnpk
2. What is the Internet - Vint Cerf – History (3 :44)
    https://www.youtube.com/watch?v=Dxcc6ycZ73M
3. Wires, Cables, WiFi (6:40)
    https://www.youtube.com/watch?v=ZhEf7e4kopM
4. DNS (6:44)
    https://www.youtube.com/watch?v=5o8CwafCxnU
5. How Search Works (5:12)
    https://www.youtube.com/watch?v=LVV_93mBfSU

Group Work

- John Abbott College email
  - Microsoft 365 - outlook.office365.com

  - Send an email to one of the students in your meeting room with the question, "Which video about about how the Internet works was the most interesting to you and why".

  - The subject line for the email will be "Class 2".

  - Reply to any emails that you receive and add me as a "cc" to the reply email.

- Meeting Room groups in teams of 3

Email
Qingjun.Bao@johnabbottcollege.net
Elias.Barrellet@johnabbottcollege.net
Mohamed.Boudribila@johnabbottcollege.net
Lisi.Cao@johnabbottcollege.net
Ashok.Chand@johnabbottcollege.net
Nicholas.Comeau@johnabbottcollege.net
Karina.Pereira@johnabbottcollege.net
Xiaoli.Feng@johnabbottcollege.net
Sophie.Hsu@johnabbottcollege.net
Xing.Huang@johnabbottcollege.net
Bo.Kim@johnabbottcollege.net
Sang.Kim@johnabbottcollege.net
Zhi.Li@johnabbottcollege.net
Zachary.Mcrae@johnabbottcollege.net
Michael.Pinsonneault@johnabbottcollege.net
Benjamin.Pye@johnabbottcollege.net
Will.Secord@johnabbottcollege.net
Mark.Sumoba@johnabbottcollege.net
Shixin.Tang@johnabbottcollege.net
Claudiu.Terenche@johnabbottcollege.net
Linlin.Xie@johnabbottcollege.net
cdutton@johnabbott.qc.ca

Location		Teams of 3		
Meeting Room 01	1	8	15	
Meeting Room 02	2	9	16	
Meeting Room 03	3	10	17	
Meeting Room 04	4	11	18	
Meeting Room 05	5	12	19	
Meeting Room 06	6	13	20	
Meeting Room 07	7	14	21	
Starts the meeting in the Meeting Room				

Concepts

4. Packet Tracing

Networking Tutorial for Beginners - 03 - The packet trace
https://www.youtube.com/watch?v=BnJ5KVA_i1g

Reminder

- ❖ Review your MyAcronyms and re-submit your file, if needed, on Lea and Moodle

- ❖ Add your additional acronyms to the Class Glossary on Moodle, if not yet completed

Homework

❖ Visit the John Abbott Library online – find the textbook: Larsen, Rob. *Beginning HTML & CSS*. Indianapolis, Ind, Wiley, 2013. E-Book QA76.76.H94

> Read Chapter 1 pages 1-8
> and Chapter 3 page 56 only.

❖ Philippe Hong. (2018). *Practical Web Design : Learn the Fundamentals of Web Design with HTML5, CSS3, Bootstrap, JQuery, and Vue.js*. Packt Publishing

> Read Chapter 3 pages 57-63 only.

❖ Visit w3schools html introduction
  https://www.w3schools.com/html/html_intro.asp
  Use the Next button or the sidebar to navigate the html pages. Take a look at any of these pages

HTML Introduction

‹ Previous   Next ›

HTML Introduction
HTML Editors
HTML Basic
HTML Elements
HTML Attributes
HTML Headings
HTML Paragraphs

Exit Quiz

❖ Exit Quiz

https://b.socrative.com/login/student/

Room name 6118

Question 3: Do you have access to *Beginning HTML & CSS* e-book at *the John Abbott library online?*

3 of 3

Please answer the teacher's question.

Enter Answer Here

SUBMIT ANSWER