**Word Processor Software & Git**

Introduction to Computer Science

Assignment To

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# My Weekly Study Plan

During my first week at school. I had a TASC workshop on time management during my Introduction to computer science class. I was introduced on how to create a study plan for my first semester of college.

For my first assignment for this class, I will need to collect all of my course outlines for each of my classes and extract the dates of my exams, assignment dues and the due dates of my homework. Then, by creating a MS Word document, I will create a table with the written deliverables throughout the semester.

My final result should be easy to read and must contain a legend if I use any colours.

*MY WEEKLY PLANNER - 15 SEMESTER*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WEEK #** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **0.** |  |  | **First Day** of  School! |  |  |
| **1.** |  |  |  |  | **English** \Reading\ |
| **2.** | Labour day |  | **English** \Reading\ | Becomes A  Monday! | **English** \Reading\ |
| **3.** |  | French \Godin\ at C409 |  | **Programming 1** \#1\ | Vanier Barbecue! |
| **4.** | **French** \History of Qc\ | **Computer Science**. \Git\ | **English** \Verbs\ | **Maths** \Linear equations\ + \System of Equations |  |
| **5.** | **-French** \redaction : Analyse Poeme\  **-Game programming** \rock,paper,scissors\ | Intro to computer science \#1\ | -**English** Essay  -**Computer Science** | **Programming 1**  exam |  |
| **6.** | **French** \Mort-terrain\ |  | **English** \Short fiction\ |  |  |
| **7.** | **French** \famous character\  oral |  |  | **Maths** \Vectors\ + \Dot Product\ | **English** \Reading\ |
| **8.** | **French** \mort terrain\ |  |  |  | **English** \Reading\ |
| **9.** | **French** \documentary\ |  |  |  | **Maths** |
| **10.** | No **French** class | **Computer science** \ #2\ | **Programming 1** |  |  |
| **11.** |  |  | **English** \grammar\ |  |  |
| **12.** | **French** |  |  |  |  |
| **13.** |  |  | **English** \Poems\ |  |  |
| **14.** | **French** \La femme qui fuit\ |  |  |  |  |
| **15.** | **French**\final\ | **Computer science** \final\ | **Programming 1** \final\ | **Maths**\final\ | **English** \Poetry\  \*Online |

**LEGEND** :

* Blue = Quiz.
* Gray = No school\ cancelled class
* Pink = Exam
* Green = Homework due
* Lavender = Oral
* Yellow = Assignment
* Orange = Redaction
* Thick Border = Many due that day

# Outline of My Report

For my next assignment (#3), my teacher will ask me to make a report about the possible job opportunities available when I graduate in 3 years. To start prepping for this report, I will have to research for job posts online, learning about the statistics on the job market and other interesting information that might guide me in a field of computer science.

My task today will be to produce an outline of my report so that my teacher could give me feedback before I start writing the report for the next assignment.

Outline of my report

**Program** : *Computer Science & Technology*

**Popular Job Opportunities Available after I graduate in Montreal** :

* Game Developer
* IT Support
* Cyber Security Consultant
* Information System Manager
* Web Developer

After visiting many job hiring websites like *Indeed, WowJobs, Linkedin* and ect, I have noticed that there are many companies offering jobs for ***Software developers*** in Montreal, Quebec.

The **average salary** of this job is about : **64,934$** annually. Which is higher than the average salary in Montreal, which is 58, 438$ per year.

According to the Bureau of Labor Statistics, "*the job outlook for computer science positions are predicted to grow 13% between 2014 and 2024—higher than the projected growth rate for other occupations".¹* In fact, this is a fast-growing industry that has limitless employment opportunities.

After my research, if I want to get a very **high paying job** in Montreal (~100K/year), the job field in **Artificial intelligence** is hiring constantly since it is the future of our world.

But in order to get a job in that field, I will have to take additional classes : *“Various levels of math, including probability, statistics, algebra, calculus, logic and algorithms & Physics, engineering and robotics”.*

The skills I will need to strengthen and preserve in order to work in the field I am studying in are :

#### **Analytical skills**

#### I will have to identify a problem and solve it by coming up with many solutions and finding the one that will fit my needs.

* **Problem-solving skills**

By thinking in a systematic and logical way, I will be able to think about the best way to solve a complex problem.

* **Creativity**

An out-of-the-box thinking ensures I'm offering innovative and effective solutions.

#### **Critical-thinking skills**

Thinking critically I will save time by knowing why certain solutions won't work

**- Resilience**

Perseverance is key to computer science because I am most likely going to fail before I succeed. [[1]](#footnote-0)

# LAB #2

Convert temperature from celsius to fahrenheit.

1. Start
2. Get value for c.temp
3. Set value of f.temp for (9/5 \* c.temp) + 32
4. Print the value of f.temp
5. Stop

To know if a number is even or odd.

1. Start
2. Enter Number (num)
3. Divide the num by 2 : (num/2)
4. If = 0 is even
5. If ≠ 0 is odd
6. Stop

Select the greatest element in a list of numbers.

1. Start
2. Get values for [**A** ’1’\ **A**’2’\**A** ’3’\ \**A**’4’\ **A**’5’\ **A**’6’\]
3. Set the value of greatest so far to A ‘1’
4. Set the value of location to 1
5. Set the value of i to 2.
6. While (i ≤ n ) do

If A ‘1’ > greatest so far then

Set greatest to A ‘1’

Set location to i

Add 1 to the value of i

1. End of the loop
2. Print out the greatest so far
3. Stop

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1. <https://www.bls.gov/ooh/computer-and-information-technology/home.htm> [↑](#footnote-ref-0)