🡺 Your name: **Navid Vadsariya** Student No.: **136884186** UserID: **nnvadsariya@mySeneca.ca**

🡺 Task Manager can tell you the name of PowerPoint’s .EXE file. What is it? How did you find it?

**POWERPNT.EXE . I found it by selecting a drop box list option before powerpoint and then selecting “go to details”.**

🡺 An API is like… \_\_\_\_\_\_\_\_\_\_ ?

**A waiter .**

🡺 What is sent from the API to a system?

**The users request.**

🡺 What is sent from the system back through the API?

**A response is sent .**

🡺 What was the Request displayed on the page?

GET [https://translation.googleapis.com/language/translate/v2?q=in+the+wind&target=fr&source=en&key={YOUR\_API\_KEY}](https://translation.googleapis.com/language/translate/v2?q=in+the+wind&target=fr&source=en&key=%7bYOUR_API_KEY%7d)

🡺 What was the Response to the translation request?

200

- Show headers -

{

"data": {

"translations": [

{

"translatedText": "dans le vent"

}

]

}

}

🡺 What is your timezone API request for Toronto right now?

**https://maps.googleapis.com/maps/api/timezone/json?location=43.717971,-79.325770&timestamp=1560468670&key=AIzaSyBZQBnlke9vzjcTo0PL1HmggIlhNBh4chU**

🡺 a) What was the JSON Response

{

"dstOffset" : 3600,

"rawOffset" : -18000,

"status" : "OK",

"timeZoneId" : "America/Toronto",

"timeZoneName" : "Eastern Daylight Time"

}

b)what does JSON mean?

**JSON stands for JavaScript Object Notation and is a way to store information in an organized and easy to read manner.**

🡺 a) What was the XML Response

<TimeZoneResponse>

<status>OK</status>

<raw\_offset>-18000.0000000</raw\_offset>

<dst\_offset>3600.0000000</dst\_offset>

<time\_zone\_id>America/Toronto</time\_zone\_id>

<time\_zone\_name>Eastern Daylight Time</time\_zone\_name>

</TimeZoneResponse>

b)what does XML mean?

XML stands for **Extensible Markup Language and is a set of rules defining the way for encoding documents in a format which is human-readable and machine-readable.**

🡺 a) What is the logic to convert the Unix UTC timestamp to Toronto's local timestamp using the information provided by the API?

**It can be done by entering current time and date .**

b) What are the conversion values and what is Toronto's local timestamp?

### 06/13/2019 @ 11:30pm (UTC)

##### **2019-06-13T23:30:23+00:00 in ISO 8601**

##### **Thu, 13 Jun 2019 23:30:23 +0000 in RFC 822, 1036, 1123, 2822**

##### **Thursday, 13-Jun-19 23:30:23 UTC in RFC 2822**

##### **2019-06-13T23:30:23+00:00 in RFC 3339**

**1560454800**

##### c) Using Toronto's local timestamp, what is the date & time in YYYY-MM-DD HH:MM:SS? **2019-06-13 23:30:23**

**SDLC**

🡺 (25 points) Apply the SDLC to a project or assignment in your C programming or Linux/Internet course. How will you use the steps of software development to complete your next assignment?

**For the first step I will understand what am I supposed to do then I will plan how I will code it and what method I will use . For the third step I will design and then build the program. After that I will test it and see if all the requirements are met or not if not I will implement it.**

***What is the problem?***

**–> Determine**: **I will read the assignment and try to understand what am I supposed to do and then I will make a rough idea of code.**

**–> Define**: **To understand a program fully I need an bit of overview of the output and nothing else.**

***What is the solution?***

**–> Design**: To do this I will make s pseudo code for the program and see if all requirements are met or not.

**–> Develop**: **I always make a clear view of my program before coding which helps me to do it quick.**

**–> Deliver**: **I usually make a empty file in matrix and copy my source code and paste it there as it is much faster then any other methods.**

🡺 **Describe three IoT devices *that the world really needs* and why.**

1. **Smart locks**

**A smart lock will be one of the best things ever invented which unlocks by face recognition and can tell us if the door is locked or not in mobile devices. This is important because it can help people to get rid of keys and can have a light mind if they need to check if the door was locked before leaving.**

1. **Self-driving cars**

**Today there are some self driving cars but they are not totally dependable . However it will get better and help people with disabilities like blindness reach their destination on their own. We need this technology as it can help reduce accidents and people would not need a licence to use a car by themselves .**

1. **Robots**

**Robots can be a game changer for science and technology as it can help them to do things which are not possible for humans like going to surface of ocean and so on.**

🡺 **Software Version**

* **The software is a browser called Chrome and its version is 75.0.3770.90**
* **In 75.0.3770.90 , 75 is the major release , 0 is the minor , 37770 is the build and 90 is the patch.**
* **As chrome is owned by google they can keep fixing bugs and add new features on the same code base**
* **New releases of chrome are supported on legacy systems. As the software code base is same and the software is compatible with its previous version.**
* **URL:** [**https://chromereleases.googleblog.com/2019/06/stable-channel-update-for-desktop\_13.html**](https://chromereleases.googleblog.com/2019/06/stable-channel-update-for-desktop_13.html)
* **Release date: June 13, 2019**
* **Chrome: When running the condition for the AutofillOffNoServerData feature, a check was added to see if Autofill's client-side heuristics were predicting a CVC field. If they do, then we won't overwrite the type to "Unknown", as that breaks the CVC filling flow when unmasking server cards via the CVC prompt.**