Sections 10,11,12 Spring 2020
Due Sunday April 12th, 2020
Directions. This assignment is to be completed individually. There are two pages.
I have posted 4 videos: Mythbusters video on GPU vs CPU computing power! TedTalk-The Hidden Network that makes the internet possible TedTalk-How Computer memory works TedTalk-Neuroscience, AI and the Future of Education Pick two of the three <u>TedTalks.</u> Answer the following questions using complete sentences.
Choice 1. Name of the Talk:
What technological advancement is the focus of this talk?
What disadvantages can be associated with this technology?
Choice 2. Name of the Talk:
What technological advancement is the focus of this talk?
What disadvantages can be associated with this technology?

Homework 8. Embedding Videos and Loops

CSCE 102-General Applications Programing

FOR LOOPS. Answers the questions for each loop:

Loop 1.

```
for (step=0; step <5; step=step+1) {
  message = step + " points ";
}</pre>
```

- 1.What is the starting value of the for loop?_____
- 2; What is the step size to increment the loop?_____
- 3. When the loop exits,
 - **a.** what is the last value of **step?**_____
 - **b.** what is the last value of **message?**_____

Loop 1 Simulation

step	message	step+1
0	0 points	0+1=1
1	1 points	1+1=2
2	2 points	2+1=3
3	3 points	3+1=4
4	4 points	4+1=5
5	No message!!	exit

Loop 2.

```
for (step=1; step <=5; step=step+1) {
  message = step + " points ";
}</pre>
```

- 1.What is the starting value of the for loop?_____
- 2. When the loop exits,
 - a. what is the last value of step?_____
 - **b.** what is the last value of **message?**

Loop 2 Simulation: Complete the table.

step	message	step+1

<u>Loop 3.</u>

```
for (step=50; step >=0; step=step-10) {
  message = step + " points ";
}
```

- 1. What is the starting value of the for loop?_____
- 2. When the loop exits,
 - **a.** what is the last value of **step?**_____
- **b.** what is the last value of **message?**

Loop 3 Simulation: Complete the table

step	message	Step-10