Introduction to ITWS

Quiz 1: October 5, 2020

1. GIT (20 points)
   1. Create a private repo on Github for your iit directory including all of your content for this class thus far, including the quiz1 folder
   2. Make sure your repo and your local folder are synced and match
   3. invite ginger and me to collaborate: ginger’s id is jjiangj7 , and my id is rplotka
   4. At the end of this quiz, all your work in your iit directory (including your quiz answers) should be pushed to your repo
2. HTML & CSS (40 points)

In Lab 3 you were to build a website with at least two pages. For this question, you will be working with your submissions for lab 3 and updating your website.

* 1. Make sure you have/add a background that has a consistent theme throughout your site (all pages)
  2. Enhance your site by adding a unique page for each lab. Include at least a brief description of the lab and a link to your solution. (omit the quiz1 folder – no page for this is required)
  3. Your menu and theme must be consistent
  4. Add a personal photo in the background to your resume (whatever style you like)
  5. Add at least one externally hosted Google Font to your website – you may need to research this.
  6. Make sure you document your code with detailed descriptions
  7. Make sure your entire site refers to one css file. If you need more, justify it/them in your readme file
  8. Include a readme file (text or markup) file which
     1. Explains in detail, the changes you made to your site architecture (include an updated diagram/map)
     2. Explains in detail your design choices (logic and UI)

1. Communications and Networks. (20 points) Write in your own words, using proper grammar)
   1. What was your biggest challenge as a city in the country you represented?

The biggest challenge was finding a way to connect to another population the size of China’s population. As it stands, however, this challenge wasn’t very difficult as India was is very close and has a larger population in general. As we only had to connect to them to fulfill our task’s requirements, the negotiations were swift.

* 1. In reflecting on the exercise and your understanding of how networks are deployed, how would you have changed your network? How?

I would have spent more time trying to figure out connections to other countries, rather than just to India. Our assignment task was simply to connect to a total population equal to the population of China, so the simple answer was to connect to India. It was close and cheap. However, I imagine that a real-world solution would not be this elegant, as we lose out on a connection to the western powers.

1. “Airbnb” Case (20 points)
   1. Explain what had happened since the case ended and, based on current events, what would you recommend to the board as the CEO

Since the case has ended, there has been a huge change in society due to the COVID-19 pandemic. As a result, people must take every effort to ensure that they don’t get infected, including taking measures such as social distancing to prevent the spread. Naturally, this poses issues for companies such as AirBnB, which business model requires the sharing of environments with strangers. I would recommend that AirBnB should mandate and offer financial assistance with weekly testing for both renters and guests, as well as requiring that any renter must ensure only the guests enter and leave the property. This would ensure that for any proven safe household, the risk of bringing contamination in would be minimized.