**Part 1:**

I am working on Fastai lessons, I have to mention that the lessons are so old done in 2017 so there are many bugs that does not work, and I have to find a way to make it work. I learned to train the data using ImageDataBunch whether you are grapping the data from a folder or a csv file. However, I have a problem today connected to my data path. I am trying to fix it. I also went through regular expressions and learned re.search, re.compile, and find all (). I started yesterday in natural language and I iterate over my text using two variables. I am building my own project. My problem is the syntax specially is combining different functions inside each other or in regular expressions.

**Part 2:**

I am so interested in the role of chatbots in education therefore I read this article:

Gonda, D. E., Luo, J., Wong, Y. L., & Lei, C. U. (2018, December). Evaluation of Developing Educational Chatbots Based on The Seven Principles for Good Teaching. In *2018 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE)* (pp. 446-453). IEEE.

This article investigates the efficiency of chatbots in education on seven principles:

1. Encouraging contacts between students and teacher
2. Developing cooperation among students
3. Encouraging active learning
4. Giving prompt feedback
5. Emphasizing time on tasks
6. Communicating high expectations
7. Respecting diverse talents and ways of learning

Five of these are successfully evident expect encouraging contacts between students and teachers. There was a delay in feedback that affects that the teachers did not work well.