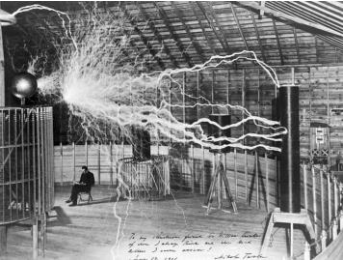


Wk	Focus & Medium	Weekly Topic & Assignment
9 Oct 17 to 22	<p>Objectives</p> <p>Discussion</p> <p>Assignment: Readings</p> <p>In-class Discussion Questions</p> <p>Nikola Telsa's Generator</p> 	<p>1) Pillars of Python exam (due 11/4 latest)</p> <p>Goal 1: illustrate skill evidence of data pack and unpack</p> <p>Goal 2: create a transaction generator <code>class</code> object and 2-4 functions that the ask user a data question of your choice. Then package the data, display it on screen, and send a report to a spreadsheet and a text file.</p> <p>Upon review of all code covered and your excellent progress, I decided to add one new zipper section with data pack and unpack options. The updates will help you with the exam and ANY time in the future with data pack/unpack. It will be our final cheatsheet.</p> <p style="text-align: center;">~ ~ ~ ~ ~</p> <p>We are transitioning back to our systems analysis and design models but will integrate our python learnings into ongoing exercises and class discussions.</p> <p>2) Data Flow Diagramming</p> <ul style="list-style-type: none"> Review Model.4.DFD handout (provided) <how.to.doc link> is next bullet! Read: MIT System Design -ch6, p.1-12(in detail) skim till p.18 Re-read Tilley, ch5 p144 – 146, 152 – 163 <ul style="list-style-type: none"> note the similarity on page 163 to youtube video Watch: Systems Analysis and Design Ch10, j. barlow, 09.07.2016 <ul style="list-style-type: none"> https://www.youtube.com/watch?v=zt1QvpS4QHk pay extra attention from min 10:31 till end of video note use of relational database table diagraming <p style="text-align: center;">~ ~ ~ ~ ~</p> <p>Questions: (in class discussion)</p> <ol style="list-style-type: none"> What would be a primary way to generate Python transactions to represent the education DFD represented at the end of video (10 min-end) and Tilley p.163? What kind of report do you think a school administrator would want to see? <ol style="list-style-type: none"> we will outline/draw together, so please have 1-2 ideas What would you rather spend your time doing? Making DFD's or designing data table relationships? (2nd example below) <p style="text-align: center;">relational database tables horseshow</p> 