

EPPS 7v81 Advanced Data Programming

Exercise 3

- I. Run the following exercises
 - a. Using PyCharm Edu (<https://www.jetbrains.com/pycharm-edu/>). The files are in Teams files folder named Exercises. Make sure you locate the bugs and fix them before executing:
 - i. 4_1_1_VariableTypes-1.py
 - ii. 4_1_2_playingaroundwithvariables.py
 - iii. 4_2_2_comparingthings.py
 - iv. 4_3_flowcontrolandwhitespace.py
 - v. 5_1_1_generalpurposecommands.py
 - vi. 5_1_2_listsandlistmethods.py
 - vii. 5_1_3_listsandlistmethodsexercise.py
 - viii. 5_2_tuples.py
 - ix. 5_3_1_dictionariesanddictionarymethods.py
 - x. 5_3_2_dictionariesanddictionarymethodsexercise.py
 - xi. 5_4_stringformattingmethods.py
 - b. Try doing these exercised in Jupyter Notebook (Anaconda)
- II. Week's challenge:
 - a. Should individual's personal health data be open to patient and/or developers?
 - b. One health care data provider market leader EPIC disagrees with HHS on open data.
Read:
 - i. <https://ehrintelligence.com/news/epic-leads-almost-60-health-systems-against-interoperability-rule> (<https://tinyurl.com/ybjuur92>)
 - ii. <https://www.beckershospitalreview.com/chrs/epic-to-focus-on-interoperability-after-hhs-final-rule.html> (<https://tinyurl.com/y9w2nn25>)
 - iii. <https://www.cnbc.com/2020/01/22/epic-ceo-sends-letter-urging-hospitals-to-oppose-hhs-data-sharing-rule.html> (<https://tinyurl.com/wv4atx4>)
 - c. Study the arguments on both sides and design a system that works on the best benefits of individual healthcare data consumers.