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| **Goal for exercise – “Introduction to Python and Raspberry Pi”** | |
| **What do you know about Pi computers and Python?**  I have only heard of Pi computers. I have heard that they are very lightweight but more powerful than most microcontrollers.  I have used python sparingly. I know that it has libraries for almost everything and that it is an interpretted langauge. | **List all resources and what specifically you used or learnt from that resource to complete the challenge exercises.**  I referenced [www.pythonforbeginners.com](http://www.pythonforbeginners.com/) to learn about list comprehensions.  I used the assignment handout to learn basic operation of a Pi computer.  I reference [www.programiz.com](http://www.programiz.com/) to check the formalities of Python list methods |
| **Compile a list of all documentation created. Provide file name and a short description of that file**.  README.txt:  Instructions for using IntroToPy.py and for ANSWERS.txt  ANSWERS.pdf:  Answers to the questions from the assignment  IntroToPi.py:  A program which reads from the prodided file “datafile.txt” and outputs a number of items based on the content of datafile.txt  Design\_Scenario\_Response.pdf:  Response to the design scenario from the assignment | |
| **Provide an example of something that you would do differently or you could improve upon during the course of this exercise.**  I spent too much time trying to make the code perform well in enough situations to guarantee that it would  satisfy the requirements of the assignment at the very least. I should have consulted the instructors and the TAs to more precisely understand the requirements of the assignment to begin with. | |
| **On a scale of 1-5, what is your comfort level with Pi computers and Python after going through this exercise? (1 being least comfortable and 5 being most comfortable).**  **5** | |