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| **Goal for exercise – “Introduction to Python and Raspberry Pi”** | |
| **What do you know about Pi computers and Python?**  Pi computers are useful tools allowing us to write programs with python and interfacing with the internet. Pi Computers can also be used to interface with hardware. | **List all resources and what specifically you used or learnt from that resource to complete the challenge exercises.**  Coming into this class I had a very solid understanding of python and the Raspberry Pi. I built this knowledge by having two internships that required me to write python code and use Raspberry Pi’s. When I was learning how to use raspberry Pi’s there were many different resources I used. I found that Youtube was sufficient for most of my needs. The Raspberry Pi community is very strong and has very good documentation. For python I relied heavily on forums like Stack overflow when I encountered an error. I found that when trying to learn a new library it helped a lot to look at the documentation of the library online. |
| **Compile a list of all documentation created. Provide file name and a short description of that file**.  I’ve created two files ExerciseOne.py and ExerciseTwo.py both of these files are well commented. ExercisseOne.py reads in an input of numbers and manipulates the list many ways. ExercisseTwo.py is a state machine that checks a string to see if it contains ‘abcd’.  ExerciseOne.py – Commented for easily read code  ExerciseTwo.py – Commented for easily read code | |
| **Provide an example of something that you would do differently or you could improve upon during the course of this exercise.**  One thing that I would do differently during the course of this exercise would be to create a plan for my code before I begin coding this will help me be more efficient with my time. | |
| **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).**  1 2 3 4 5 | |