Progress Report 1

1. The OS installed on the Raspberry Pi. We chose the 32-bit version of the Raspberry Pi OS. The IR receiver was wired to the Pi using a breadboard, and the IR remote was turned on. The IR receiver was tested with the IR remote in a test program and we successfully read signals from the IR remote in a Python program.
2. The whole team met together to work on the project. We had some issues getting the OS installed correctly so everyone gave input on ideas to get it working. Jonathan set up the test program and worked on wiring the sensor, Jeremy researched sensor documentation and helped with wiring the sensor, Austin helped troubleshoot the OS install errors we were getting, and Christian helped troubleshoot OS install errors and helped research documentation for using the sensor.
3. Our sensor did not require soldering since it already has pins attached and was placed directly in the breadboard. The other tasks were completed.
4. The next task is to set up a program that parses the signals the Pi receives from the IR remote. Currently they are just a series of numbers, but we need to know which numbers correspond to which button press.
5. We used the Adafruit store page for sensor technical information. <https://www.adafruit.com/product/157>   
   We used this website for an example of how to read inputs from our sensor. <https://ignorantofthings.com/receiving-infrared-on-the-raspberry-pi-with-python/>
6. Team name: Group Eleven; Members: Jonathan Eanes, Christian Pross, Jeremy Perando, Austin Comeaux