# Computer Systems and Networks Assessment 2

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My project will take the form of an application that will use the LED Matrix on the SenseHat of my headless Raspberry Pi to inform the user of the weather conditions for the day. Using this information, the user can then decide if they will walk or drive to work. They will indicate their decision using the joystick on the SenseHat. If they press up, this means they have decided to drive while pressing down indicates that they will walk. A record will be kept of their answer. If the user drives to work 3 days or more in a row, then they will receive a notification via Twitter reminding them to get some exercise.

## Tools, Technology, and Equipment

Programming Language: Python

Hardware: Raspberry Pi (headless)

SenseHat for Raspberry Pi

Laptop

External Services: ThingSpeak (with ThingTweet and React)

## Repository

<https://github.com/dugganj780/csnetworks-assessment2.git>