Raspberry PI documentation

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Operating System: Raspbian OS

Version: April 2019

Release date: 04/08/2019

kernel version: 4.14

https://www.raspberrypi.org/downloads/raspbian/

pocketUNI the game (simplified version of The Adventures Of Uni)

programming language: Python3.5

library: Pygame (Game Library)

Hardware Library : RPIO (GPIO pins I/O)

Resources and tutorials

Screen setup

https://learn.adafruit.com/running-opengl-based-games-and-emulators-on-adafruit-pitft-displays/overview

Python pygame reference

http://programarcadegames.com/index.php

A screenshot of a cell phone

Description automatically generated

Directions

1. You must have raspberry 3 B or B+

2. The PI must has Raspbian OS

3. Raspbian OS comes with a python 3.5 and higher

4. Images and program must be in the same folder to run

5. Click on the program file pocketUNI.py

6. If there are any issues make sure your OS is updated

7. Also make sure the current version of python is correct and has the required libraries.

**This is the simplified version of the game and does not represent the full PC game which can played on window,mac, linux.**

**There will be a more complete version of the simplified game to display on the 26th.**

**This version provides evidence that the custom controller and PI screen can be interacted with by the user, even though.**