T’che Caver

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Lab 8: README

In this lab, we will be using Google Colab. To do so, simply visit <https://colab.research.google.com/> and create an account or sign in. From here, we can create a new notebook and enter the Python code we would like to run.

In order to execute the Python code in Google Colab, we need to install the proper packages. This can be done by using pip. The following code needs to be run in order to install the right packages:

!pip install tensorflow

!pip install keras

!pip install h5py

!pip install Matplotlib

!pip install numpy

Once these are installed, we can then import the appropriate dependencies and execute the rest of the code.

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Also, to increase training speed, make sure that the runtime hardware acceleration is set to GPU instead of None.

Graphical user interface, application

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To run the game, it is quite simple. Ensure that the images folder is in the appropriate spot, which would be the same directory as the game file balloon.py. Ensure that all of the required images are in the folder. Also, ensure that the file named high\_scores.txt is in the same directory as the game file too, and make sure that there are the appropriate number of spots for your high scores (in this case, we chose to have 5 high scores).

A screenshot of a computer

Description automatically generated with medium confidence