Assembling Convolutional Neural Network model

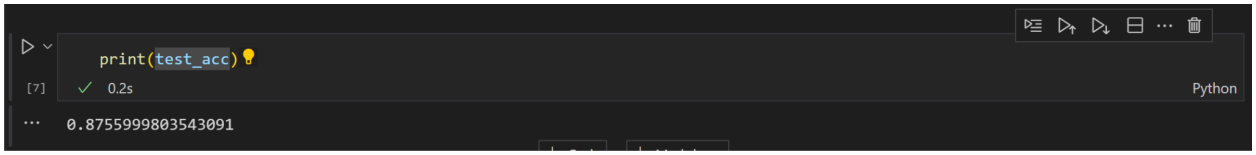

Figure 1: Accuracy results of our group's CNN model

Testing Convolutional Neural Network model

```
1/1 [==============================] - 0s 74ms/step

Prediction: This image most likely belongs to cat
Actual: This image is a cat
1/1 [==============================] - 0s 20ms/step

Prediction: This image most likely belongs to ship
Actual: This image is an airplane
1/1 [==============================] - 0s 18ms/step

Prediction: This image most likely belongs to ship
Actual: This image is an automobile
1/1 [==============================] - 0s 16ms/step

Prediction: This image most likely belongs to ship
Actual: This image is a ship
1/1 [==============================] - 0s 14ms/step

Prediction: This image most likely belongs to frog
Actual: This image is a deer
```

Figure 2: Default model's image recognition test results

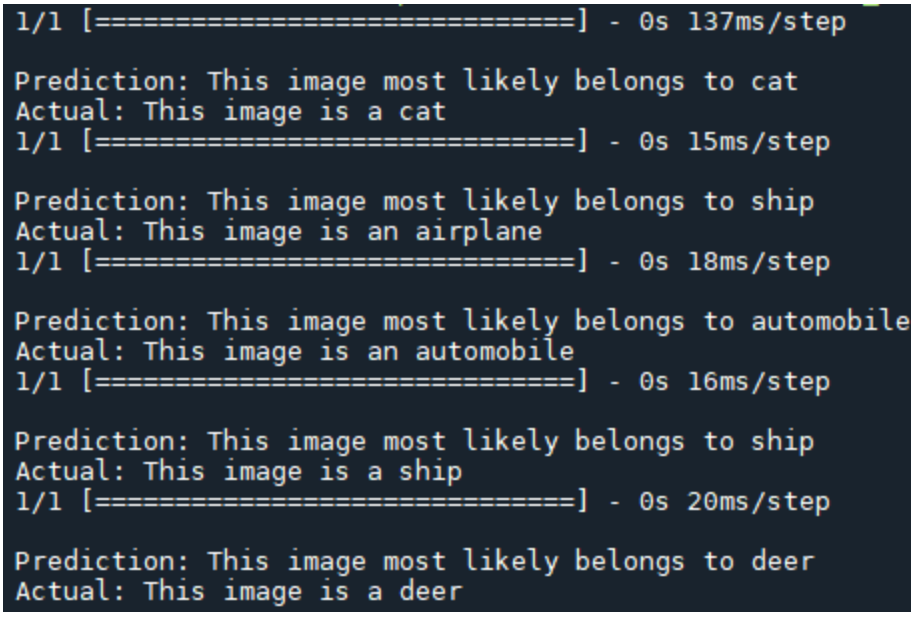

Figure 3: Our model's image recognition test results

Game

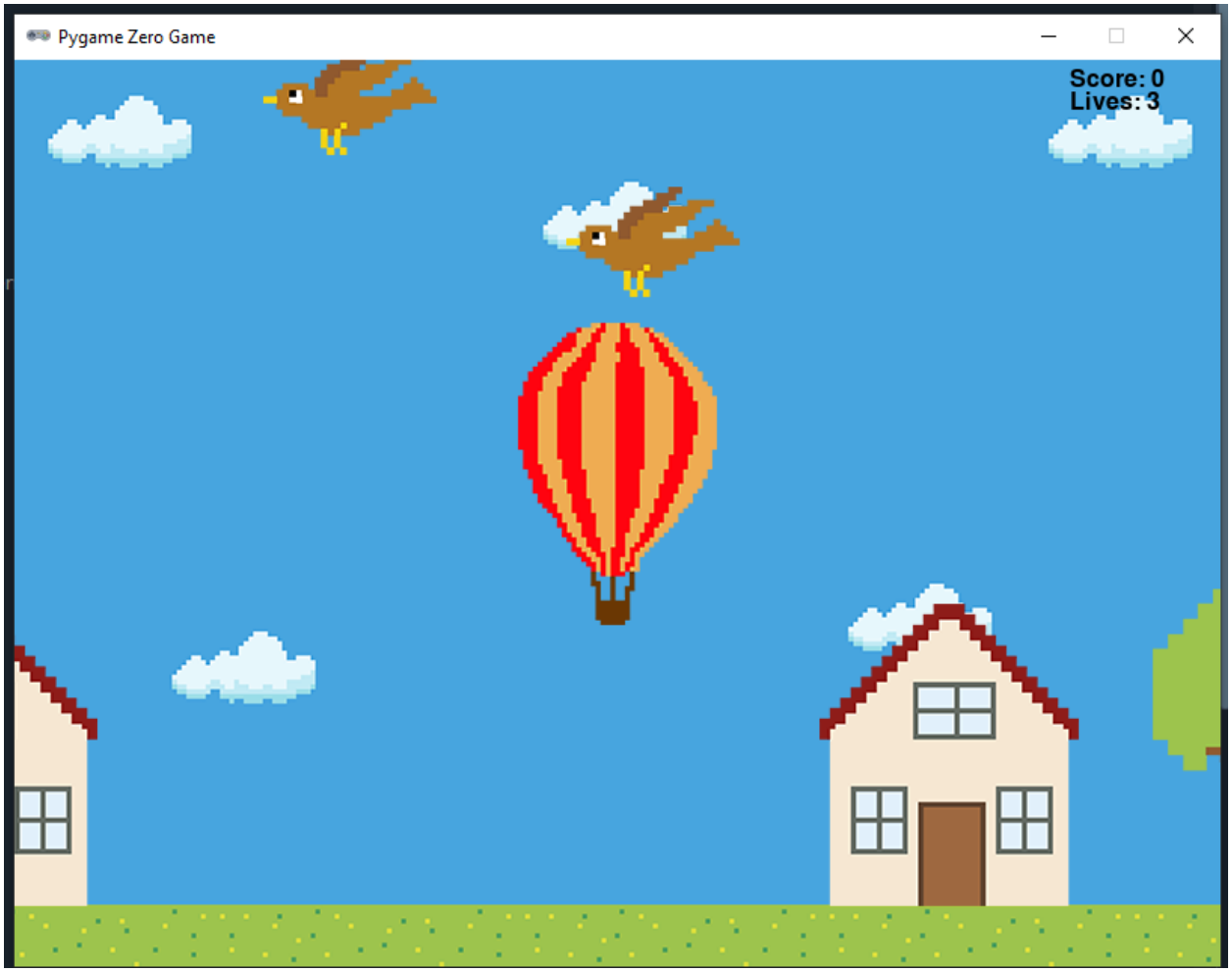

Figure 4: In-game screenshot of Balloon game