install this specific **python 3.11.5** version with this specific version of mario bros.

Install this specific dolphin version (just unzip and load the .exe) . You may need to unpack the zip when selecting it as a game in dolphin.

make sure you change your path in start.bat and in the myscript.py

You can also put the start.bat file in the same folder as dolphin and then only change the script path.

helpful fragments from video’s:

[https://www.youtube.com/watch?v=OQJ-ozSIT6I&ab\_channel=AITango](https://www.youtube.com/watch?v=OQJ-ozSIT6I&t=172s&ab_channel=AITango)

1:52 general explanation

<https://www.youtube.com/watch?v=VIwGxOdXGfw&ab_channel=AITango>

0:40 general coding

<https://www.youtube.com/watch?v=JZiC5ML-auA&ab_channel=AITango>

0:44 general explanation for capturing image

<https://www.youtube.com/watch?v=lnnHmVNO07Q&ab_channel=AITango>

3:02 specific reward system for mario **kart**

<https://www.youtube.com/watch?v=UYFEen63Rso&ab_channel=AITango>

0:28 apply action function, direct copy?

<https://www.youtube.com/watch?v=2-36k3dPav4&ab_channel=AITango>

5:48 residual network explanation

<https://www.youtube.com/watch?v=UePR1vHzWYA&ab_channel=AITango>

2:05 general network explanation

<https://www.youtube.com/watch?v=UePR1vHzWYA&ab_channel=AITango>

4:10 giving the AI control over environment, i think its not that useful

<https://www.youtube.com/watch?v=KF4WQ-7gODA&ab_channel=AITango>

general video about how to run it multipletimes