(Shoot-the-fruit) Game Instructions

This simple shooting game is a fun way to practice

your aim. When the apple appears, click on it to

”shoot” it. Aim carefully though, because if you

miss, the game is over!

What happens

When the game starts, an apple appears on the screen

for you to “shoot.” If you hit it, a “Good shot!” message

pops up, and the apple appears at another point on

the screen. But if you miss, a “You missed!” message is

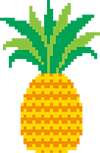
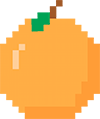
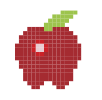
shown, and the game ends.

The default colour of the game screen is black. You can customize your game by changing the fruit that appears on the screen. Aim... Fire! You need to stay alert at all times while playing this game. Lose your focus and you may miss the shot!

How it works

The game is constantly checking whether you’ve clicked the mouse button. Every time you click on the apple, it needs to be drawn again somewhere else on the screen. If you click and miss, the game will end.

In the “Hacks and Tweaks” folder you can change the fruit that appears on the screen:



Requirements For Windows

1. You need to have python installed. It doesn’t have to be the latest version as there are several. The one I’ve used is Python 3.8. Here is a helpful link: <https://www.python.org/downloads/>

2. Also you need to have Anaconda which is similar to python but it is a package. Here is a helpful link: <https://docs.anaconda.com/anaconda/install/windows/> From that package there will be multiple items to launch, we will launch something called Spyder (which also has several versions). I have Spyder4. This is like a notepad but is inbuilt with python variables and commands.

3. Go to <https://www.dk.com/uk/information/computer-coding/> and download a zip folder “Python Games Resource Pack”. If you don’t have this “Computer coding python games book” Then download it from google or from <https://www.pdfdrive.com/>.

4. Open “File Explorer” and go into “Desktop”. Where it says “This PC” and ”Desktop” in the right hand top corner type cmd. Then a black screen with your PC’s version and details. CMD is a command prompt.

5. After that type pip install pygame to install Pygame. Once it has downloaded you need to install Pgzero so in the command prompt type the following pip install pgzero. Then your good to go.

6. When you test any of the scripts or want to play the game you have to go in your Games Folder that you made and in the game you want to play or test then at the top right corner where it says which folder you are in type CMD (the command prompt) and type pgzrun this is a command which will run your code if there are any errors they will come up and say which line it is in and will show what you wrote in that line.

7. Now, before you begin coding, you have a choice: to use python IDLE from Python, or Spyder. I prefer Spyder.

HAVE FUN CODING