

## INITIAL IDEAS

Classes	File	Use
Game	classes.py	<ul style="list-style-type: none"><li>• this contains important variables that are used throughout the machine</li><li>• Credits</li><li>• Winnings</li><li>• bet amount</li></ul>
Items	classes.py	<ul style="list-style-type: none"><li>• this creates variables for each slot item (with styling) to be used in the functions</li><li>• this also has variables used for the values of each slot item</li></ul>

Functions	File	Use
def play()	main.py	<ul style="list-style-type: none"><li>• the main function to run the program</li><li>• contains the running loop</li><li>• if no money, then ask for deposit</li><li>• after deposit, take a bet amount</li><li>• begin the function to spin the reel</li></ul>
def press_to_continue()	screens.py	<ul style="list-style-type: none"><li>• from os, is to clear the screen and have a press any key to continue function</li></ul>
def layout()	screens.py	<ul style="list-style-type: none"><li>• creates the layout of the user interface</li></ul>
def reel_randomiser()	slot_game.py	<ul style="list-style-type: none"><li>• gets the list of symbols from Items Class</li><li>• returns a random symbol from the list with random.choice()</li></ul>
def spinning()	slot_game.py	<ul style="list-style-type: none"><li>• creates the print output for where the slot itself will lay</li></ul>
def spin_animation()	slot_game.py	<ul style="list-style-type: none"><li>• this is to show the animation of the reel actually changing</li><li>• make it so first reel stops, then second, then third</li><li>• return the final value of the three reels to be used after</li></ul>
def check_win()	slot_game.py	<ul style="list-style-type: none"><li>• this takes the values from spin_animation()</li><li>• checks to see if first value == second value == third value</li><li>• if they match then pay out according to which symbol it is</li></ul>
def landing() end()	screens.py	<ul style="list-style-type: none"><li>• welcome page/ending page</li></ul>

### Features:

1. deposit money
2. pick bet amount
3. feature for the slot machine
4. feature that checks final value and returns winnings