

SCORE:

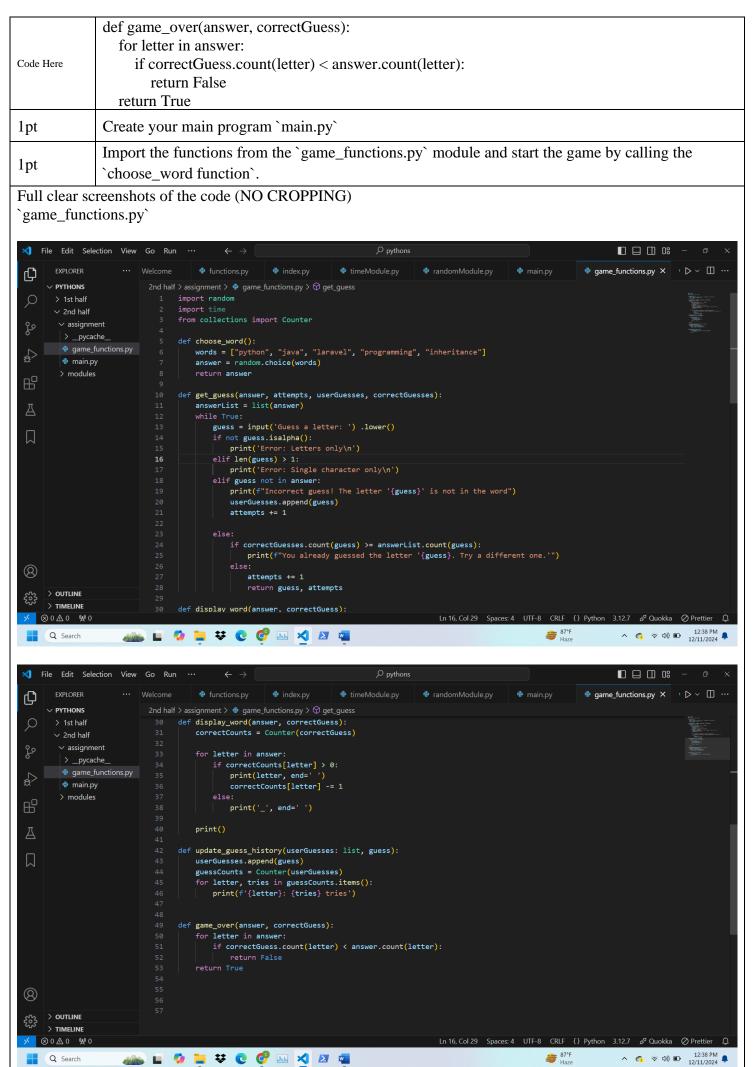
Pangasinan State University
Urdaneta City Campus
Assignment 1 - Finals
Elective 4 (Special Topics on Web and Mobile 2)

Name: Cedric Joel F. Cayaban		Block:4A	Date: December 02, 2024 Deadling December 10, 2024, 5:00pm			
Create a si	Create a simple word-guessing game where the program selects a random word, and the playe					
	s it letter by letter. After the game					
number of	attempts and the time taken to gu	ess the word.				
1pt	Create a user-defined module `game_functions.py`					
2pts	choose_word(): Randomly selects a word from a predefined list of words. words = ["python", "java", "laravel", "programming", "inheritance"]					
Code Here	<pre>def choose_word(): words = ["python", "java", "laravel", "programming", "inheritance"] answer = random.choice(words) return answer</pre>					
2pts	get_guess(): Prompts the player to guess a letter and return it.					
Code Here	def get_guess(answer, attempts, user answerList = list(answer) while True: guess = input('Guess a letter: ') if not guess.isalpha(): print('Error: Letters only\n') elif len(guess) > 1: print('Error: Single character elif guess not in answer: print(f"Incorrect guess! The l userGuesses.append(guess) attempts += 1 else: if correctGuesses.count(guess print(f"You already guesse else: attempts += 1 return guess, attempts	only\n') etter '{guess}' is not in the solution of the soluti	e word") less): a different one.'")			
3pts	display_word(): Displays the word with guessed letters revealed and unguessed letters as underscores.					
Code Here	<pre>def display_word(answer, correctGue correctCounts = Counter(correctGue for letter in answer: if correctCounts[letter] > 0: print(letter, end=' ') correctCounts[letter] -= 1 else: print('_', end=' ') print()</pre>	uess)				
2pts	update_guess_history(): Tracks and u collections.Counter.	updates the number of gue	esses for each letter using			
Code Here	def update_guess_history(userGuesses: list, guess): userGuesses.append(guess) guessCounts = Counter(userGuesses) for letter, tries in guessCounts.items(): print(f'{letter}: {tries} tries')					
3pts	game_over(): Checks if the player has guessed all letters in the word correctly and ends the game.					



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