PROGRESS REPORT

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CHOOSE_WORD

```
def choose_word():
        words = ["apple", "banana", "orange", "grape", "kiwi"]
        return random.choice(words)
```

DISPLAY_WORD

```
def display_word(word, guessed_letters):
        display = ""
        for letter in word:
                if letter in guessed_letters:
                        display += letter
                else:
                        display += "_"
        return display
```

HANGMAN (MAIN FUNCTION)

```
def hangman():
        max_attempts = 6
        guessed_letters = []
        word_to_guess = choose_word()
```

HANGMAN (MAIN FUNCTION) 2

```
while True:
        print("\nCurrent word: " + display_word(word_to_guess, guessed_letters))
        print("Guessed letters: " + ", ".join(guessed_letters))
        guess = input("Guess a letter: ").lower()
        if guess in guessed_letters:
                print("You've already guessed that letter. Try again.")
                continue
        guessed_letters.append(guess)
```

HANGMAN (MAIN FUNCTION) 3

```
if guess not in word_to_guess:
        max_attempts -= 1
        print("Incorrect guess. Attempts left: {}".format(max_attempts))
        if max_attempts == 0:
                print("Sorry, you ran out of attempts. The correct word was '{}'.".format(word_to_guess))                break
        else: if set(guessed_letters) >= set(word_to_guess):
                print("Congratulations! You guessed the word: '{}'".format(word_to_guess))
                break
```

DESIGN (NOT STARTED YET)