

# Coditation System Online Test

## Wordle Clone

### Using Python :

```
from rich.prompt import Prompt
from rich.console import Console
from random import choice
from words import word_list

SQUARES = {
    'correct_place': '▣',
    'correct_letter': '◻',
    'incorrect_letter': '■'
}

WELCOME_MESSAGE = f'\n[red on green] WELCOME TO WORDLE GAME [/]\n'
PLAYER_INSTRUCTIONS = "You may start your guessing\n"
GUESS_STATEMENT = "\nEnter your guess"
ALLOWED_GUESSES = 6

def correct_place(letter):
    return f'[red on green]{{letter}}[/]'

def correct_letter(letter):
    return f'[red on pink]{{letter}}[/]'

def incorrect_letter(letter):
    return f'[red on white]{{letter}}[/]'

def check_guess(guess, answer):
```

```

guessed = []
wordle_pattern = []
for i, letter in enumerate(guess):
    if answer[i] == guess[i]:
        guessed += correct_place(letter)
        wordle_pattern.append(SQUARES['correct_place'])
    elif letter in answer:
        guessed += correct_letter(letter)
        wordle_pattern.append(SQUARES['correct_letter'])
    else:
        guessed += incorrect_letter(letter)
        wordle_pattern.append(SQUARES['incorrect_letter'])
return ".join(guessed), ".join(wordle_pattern)

```

```

def game(console, chosen_word):
    end_of_game = False
    already_guessed = []
    full_wordle_pattern = []
    all_words_guessed = []

    while not end_of_game:
        guess = Prompt.ask(GUESS_STATEMENT).upper()
        while len(guess) != 5 or guess in already_guessed:
            if guess in already_guessed:
                console.print("[red]You've already guessed this word!\n[/]")
            else:
                console.print('[red]Please enter a 5-letter word!\n[/]')
            guess = Prompt.ask(GUESS_STATEMENT).upper()
        already_guessed.append(guess)
        guessed, pattern = check_guess(guess, chosen_word)
        all_words_guessed.append(guessed)
        full_wordle_pattern.append(pattern)

        console.print(*all_words_guessed, sep="\n")
        if guess == chosen_word or len(already_guessed) == ALLOWED_GUESSES:
            end_of_game = True
    if len(already_guessed) == ALLOWED_GUESSES and guess != chosen_word:

```

```

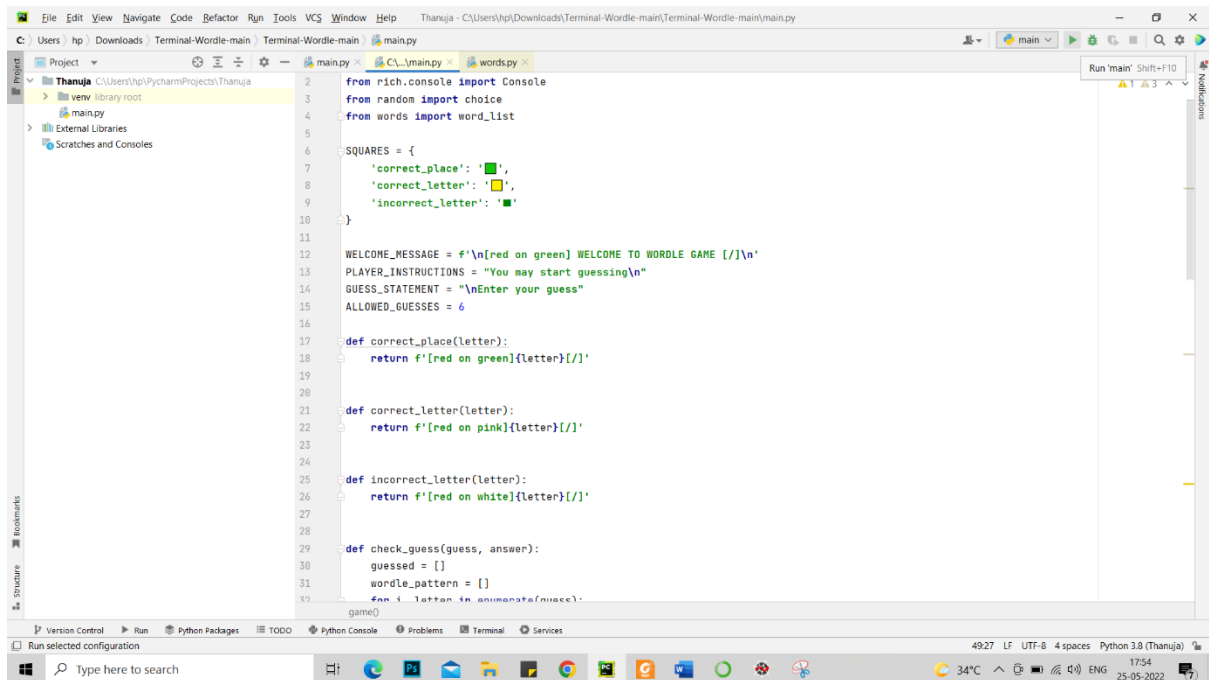
        console.print(f'\n[red]WORDLE X/{ALLOWED_GUESSES}/{}/')
        console.print(f'\n[green]Correct Word: {chosen_word}/{}/')
    else:
        console.print(f'\n[green]WORDLE {len(already_guessed)}/{ALLOWED_GUESSES}/{}/\n")
        console.print(*full_wordle_pattern, sep="\n")

```

```

if __name__ == '__main__':
    console = Console()
    chosen_word = choice(word_list)
    console.print(WELCOME_MESSAGE)
    console.print(PPLAYER_INSTRUCTIONS)
    game(console, chosen_word)

```



×

STATISTICS

2

0

0

0

Played

Win %

Current  
Streak

Max  
Streak

GUESS DISTRIBUTION

1

0

2

0

3

0

4

0

5

0


6

0

NEXT WORDLE

06:03:20

SHARE ↩

 How many words can you find using 7 letters?  
**Play Spelling Bee**

>

A

S

D

F

G

H

I

J

K

L

ENTER

Z

X

C

V

B

N

M

↩