In [3]:
```
import random
def hangman():
    words = ['srinadh', 'vishwanadh sharma', 'manisha', 'lakshmidevi', 'akila agnes', 'krishna veni']
    word = random.choice(words)
    guessed = ['_'] * len(word)
    attempts = 6  #Number of incorrect guesses
    guessed_letters = set()
    print("Welcome to Hangman!")
    print(" ".join(guessed))
    while attempts > 0 and '_' in guessed:
        guess = input("Guess a letter: ").lower()
        if not guess.isalpha() or len(guess) != 1:
            print("Please enter a single letter.")
            continue
        if guess in guessed_letters:
            print(f"You've already guessed '{guess}'. Try another letter.")
            continue
        guessed_letters.add(guess)
        if guess in word:
            for idx, letter in enumerate(word):
                if letter == guess:
                    guessed[idx] = guess
            print("Good guess!")
        else:
            attempts -= 1
            print(f"Wrong guess. You have {attempts} attempts left.")
        print(" ".join(guessed))
    if '_' not in guessed:
        print("Congratulations! You guessed the word:", word)
    else:
        print("Game over! The word was:", word)

hangman()
```

```
Welcome to Hangman!
_ _ _ _ _ _ _
Good guess!
s _ _ _ _ _ _
Good guess!
s _ _ n _ _ _
Good guess!
s r _ n _ _ _
Good guess!
s r _ n _ d _
Good guess!
s r _ n a d _
Good guess!
s r _ n a d h
Good guess!
s r i n a d h
Congratulations! You guessed the word: srinadh
```

In [ ]: