Wordle-Style Value Education Game

This is a Wordle-style game implemented in Java using Swing. The player must guess a randomly chosen 5-letter value-based word within six attempts. At the end of the game, the definition of the word is displayed, reinforcing value education concepts.

Key Features

- **Word and Definition List**: The game uses a predefined list of 5-letter words and their one-line definitions related to values, e.g., 'HONOR' and 'Respect for others and personal integrity.'

- **Random Word Selection**: A word is selected randomly from the list at the start of the game.

- **User Interface**: Includes a grid for guesses, an input field, and feedback messages.

- **Color Feedback System**:
  - **Green**: Correct letter in the correct position.
  - **Yellow**: Correct letter in the wrong position.
  - **Gray**: Letter not in the word.

- **Educational Element**: After the game ends, the definition of the target word is displayed, providing an educational takeaway.

Gameplay

1. The game randomly selects a 5-letter word related to value education.
2. The player enters a 5-letter guess in the input field and presses 'Guess.'
3. After each guess:
   - Correct letters in the correct positions are marked green.
   - Correct letters in the wrong positions are marked yellow.
   - Incorrect letters are marked gray.
4. The player has 6 attempts to guess the word.

At the end of the game, either upon guessing correctly or exhausting all attempts, the word and its one-line definition are shown.

Example Gameplay

Target Word: TRUTH
1. Guess: TRACE
   - 'T': Green (correct position)
   - 'R': Yellow (present but wrong position)
   - 'A', 'C', 'E': Gray (not in the word)
2. After 6 attempts or a correct guess, the game displays the definition: 'Being honest and factual in actions and words.'

Conclusion

This game combines logical reasoning, fun, and value education, making it both engaging and meaningful. It provides players with an opportunity to learn important values while enjoying an interactive guessing game.