Assignment-02 Yahtzee

Description:

- Use a genAI tool to learn what the game of Yahtzee is
- Engineer the genAI tool to play Yahtzee with you
- Ask the genAI tool how to approach writing code for a Yahtzee scorer yourself

Yahtzee By ChatGPT:

1. The objective is to score the most points by rolling five dice to make specific combinations.
2. Five six-sided dice and a score sheet is suggested by GPT as equipment.
3. Players take turns rolling the dice up to three times per turn, trying to achieve the highest score possible.
4. After each roll, players can choose which dice to keep and which to reroll.
5. Players must choose a category on their score sheet to place their score after rolling, and each category can only be used once.
6. Highest score possessing person will win.

GPT's Approach for building Yahtzee

1. Understand the rules of Yahtzee.
2. Define the data structures and plan functions for rolling the dice, scoring combinations and player interaction-validation.
3. Developing functions and creating sample test cases to test the functions.

Suggestions to build Yahtzee by GPT

1. Understanding the scoring system.
2. Develop a strategy for the player / computer to win.
3. Implement the strategy with appropriate functions and variables.
4. Create test cases and check the functionality of the functions written.