Pseudokod för Yatzy Kmom02

Emeu17, kurs MVC, 2021-04-13

<u>Beskrivning av back-end (php) delarna för Yatzy-spelet:</u>

Start game

Initiate an object of class DiceHand with 5 dices (6 faces on each dice)

<u>"While true"</u> (this loop will iterate thanks to front-end where the user interaction is required between each dice throw):

If number of rounds is less than 7:

>> If number of throws with dices are less than 3:

>>> Check if any dices are "saved"/stored, roll the rest

>>> Increase the "number of throws" with 1

>>> After rolling the dices, choose which dices to save (user interaction, will make the program move to the top of the loop, ie:

>>> Continue

>> Reset "number of throws"

>> Increase the "number of rounds" with 1

>> Store the last dice roll in a multidimensional array with indexes 1 through 6 and on each index store the last dice roll of each round

When number of rounds is 7 (or more) the loop is ended and:

Calculate the sum from the multidimensional array by adding together the correct dice faces of each round.

If the sum is greater than 63 a bonus of 50 is added

Calculate and present the total sum of the yatzy game

End game