

"RollMaster: Dice-Flinging Delight"

Table of Contents

1. [General Information](#)
2. [Application Summary](#)
3. [Using the Application](#)
4. [Copyright Notice](#)

General Information

This is my final project for SDEV 140. The program will allow the user to select various quantities and types of polyhedral dice, and 'roll' them for a random number. The primary requirements for the project are to use tkinter, a modular approach, and at least two windows. There are a handful of other requirements, that specify what widgets and how many of each are required.

Application Summary

This program will allow a user to choose what size and how many dice to roll (dice with sides of 4, 6, 8, 10, 12, 20, 100, or custom), and then output the results in a new window.

Using the Application


On the initial screen, enter the quantities you would like to roll. You can choose between 0 and 50 of any kind of die. You can also set a custom die with any number of sides, and roll up to 50 of it as well. When ready, click 'Roll' and your results will be displayed in a new window. 'Reset' clears all input on the screen, and 'Quit' closes the program.

RollMaster: Dice-Flinging Delight

Please select the quantity of each dice you would like to roll (up to 50).
Dice are identified by the number of sides -
a d4 has 4 sides and can roll 1-4.


Quantity of d4's:

0




Quantity of d6's:

0




Quantity of d8's:

0




Quantity of d10's:

0




Quantity of d12's:

0



Quantity of d20's:

0




Quantity of d100's:

0

Custom

Number of sides:



Quantity of dice to roll:

0

Roll

Reset


Quit

RollMaster: Dice-Flinging Delight

Please select the quantity of each dice you would like to roll (up to 50).
Dice are identified by the number of sides -
a d4 has 4 sides and can roll 1-4.


Quantity of d4's:

0




Quantity of d6's:

0




Quantity of d8's:

5




Quantity of d10's:

06




Quantity of d12's:

0



Quantity of d20's:

0




Quantity of d100's:

0

Custom

Number of sides:

30



Quantity of dice to roll:

2

Roll

Reset

Quit

Results

You chose to roll:

5 d8's: [5, 7, 8, 7, 4]

6 d10's: [9, 1, 5, 2, 5, 3]

2 d30's: [19, 27]

Reset

Quit

MIT License

Copyright (c) 2024 Lori Walden

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.