

Dice and Cards Lab with Loops

Write a program that begins by asking the user if they want to roll dice or draw cards from a deck. If they choose dice, they will roll two dice (each die is from 1 to 6) and then total them together. The user should be able to input how many times they would like to have the dice rolled. Your program should output the rolls and once the rolls are done, it should output how many of each number had been rolled, along with the percentage for each.

If they choose cards, the program will ask how many random cards they wish to pull the deck.

Example output:

1 – Roll Dice

2 – Draw Random Cards

What would you like to do? 1

How many rolls would you like? 10

D1: 3 D2:6 Total: 9

D1: 4 D2:2 Total: 6

D1: 3 D2:1 Total: 4

D1: 5 D2:2 Total: 7

D1: 1 D2:1 Total: 2

D1: 2 D2:6 Total: 8

D1: 4 D2:4 Total: 8

D1: 6 D2:4 Total: 10

D1: 3 D2:4 Total: 7

D1: 5 D2:2 Total: 7

Dice Roll Totals

2=1 (10.00%)

3=0 (0.00%)

4=1 (10.00%)

5=0 (0.00%)

6=1 (1.00%)

7=3 (30.00%)

8=2 (20.00%)

9=1 (10.00%)

10=1 (10.00%)

11=0 (0.00%)

12=0 (0.00%)

1 – Roll Dice

2 – Draw Random Cards

What would you like to do? 2

How many cards would you like to draw? 5

4♦, K♠, 7♣, Q♣, T♦