Fall 2020

Computer Science 1001
Lab Problem #3
Due Oct 7th (11:59pm NL time)

- Your solution to this lab problem should be uploaded to the **Lab Problem 3** dropbox on the course Brightspace shell.
- Name your file `dice_roll.py`.
- The dropbox for this lab problem will close at 11:59pm NL time on October 7th. Late submissions will not be accepted.

---

1. Write a Python program to simulate some number of rolls of two 6-sided dice, and output the percentage of times an even total was rolled and the percentage of times an odd total was rolled. The total for a given roll is the sum of the values on the two dice. Your program should ask the user for the number of times that the dice should be rolled, and should use random integers for the value on each die.

   Sample input/output:

```
How many times should we roll the dice? 11
You rolled 1 + 6 = 7
You rolled 1 + 1 = 2
You rolled 1 + 3 = 4
You rolled 5 + 1 = 6
You rolled 5 + 3 = 8
You rolled 1 + 5 = 6
You rolled 5 + 6 = 11
You rolled 5 + 6 = 11
You rolled 1 + 5 = 6
You rolled 6 + 1 = 7
You rolled 5 + 2 = 7
An even value was rolled 54.55% of the time
An odd value was rolled 45.45% of the time
```