Practice Examples for Lab: Set 10

- 1) Write a program to simulate 100 tosses of a coin, where each coin toss produces a head with probability 0.5 and a tail with probability 0.5.

- 2) Write a program to simulate 100 throws of a fair die, where each die throw produces a number from the set {1,2,3,4,5,6} with equal probability.

- 3) Graphically simulate, using the turtle, a 1-dimensional random walk over 100 steps.
  - https://mathworld.wolfram.com/RandomWalk1-Dimensional.html

- 4) Graphically simulate, using the turtle, a 2-dimensional random walk on a lattice, over 100 steps.
  - https://mathworld.wolfram.com/RandomWalk2-Dimensional.html