1. import statistics
   print(statistics.mean([1,2,3,4,4,5,6]))
  print(statistics.median([1,2,3,4,4,5,6]))
print(statistics.mode([1,2,3,4,4,5,6]))

   output: 3.5714285714285716
           4
           4

3. The possible outcomes are
   T H H
   H T H
   H H T
   T T H
   T H T
   H T T
   T T T
   H H H
   The chances for one given coin to be heads is 1/2.
   The chance for all three to have the same result would be (1/2)3
   = (1/2)(1/2)(1/2)
   = 1/8

   the probability to have atleast one head is 1 - 1/8
   = (8 - 1)/8
   = 7/8

4. Numbered card in each 13 set (2, 3, 4, 5, 6, 7, 8, 9, 10) = 9.
  Their are total 4 sets of 13.
  Total numbered cards 9 * 4 = 36
  P(A) = 36/52 = 9/13
  The probability of getting a numbered card is 9/13.