5.1 Problem 2

def summation(L):

    n = 0

    for i in L:

        if type(L) == type([]):

            n += summation(element)

        else:

            n += element

    return n

5.1 Problem 3

def power(a, b):

    if b == 0:

return 1

    else:

        return (a \* power(a, (b / 2)) \* power(a, (b / 2)))

5.2 Problem 6

At least 33%

5.2 Problem 8

(1–0.03125) = 0.96875 = 98.87% chance of getting at least one heads.

MCQ’s

17. D

29. B

30. D

32. C

33. B