Assignment – Day 6

1. Write a program to solve a classic ancient Chinese puzzle: We count 35 heads and 94 legs among the chickens and rabbits in a farm. How many rabbits and how many chickens do we have? Hint: Use for loop to iterate all possible solutions. **[Marks: 3]**

2. Take two list of numbers and generate a list of tuples that are combo of the *n* such that two numbers in the pair are not equal Use list comprehension
    Input - x = [1,2,3], y = [1,2,3]
    Output- [(1, 2), (1, 3), (2, 1), (2, 3), (3, 1), (3, 2)] **[Marks: 1]**

3. Take a sentence and output the frequency of words in the sentence.
    [Marks: 1]