Exercice 1

We have stored in a list the results of different football matches for our favorite team. We would like to write a function that calculates the number of points that the team has at the end of all the matches.

W = WIN => 3 points D = DRAW => 1 point L = LOSS => 0 points

man_united_results = ['W', 'D', 'W', 'L', 'W', 'D', 'D', 'D']

The function should return 13 points

In [1]:

```
def calculate_score(score_list):
    total_score = 0
    for game in score_list:
        if game == 'W':
            total_score = total_score +3
        elif game == 'D':
            total_score = total_score + 1
    return total_score

man_united_results = ['W', 'D', 'W', 'L', 'W', 'D', 'D', 'D']
score = calculate_score(man_united_results)
print('Score for the team is',score, 'points')
```

```
('Score for the team is', 13, 'points')
```

Exercise 3

Write a function that takes two lists at inputs and returns a list that sums the two input lists (element wise). Assume two input lists are of the same size

Example:

```
    - List 1: [1,2,3] - List 2 = [5,6,7], output = [6, 8, 10]
    so it sums 1st element from 1st list  with 1st element and 2nd element wi
   th 2nd element, and so on
```

Exercise 4

Write a function that takes two lists at inputs and returns a list that zips the two lists together. Assume two input lists are of the same size

Example:

```
    - List 1: [1,2,3] - List 2 = [5,6,7], output = [1,5,2,6,3,7]
```