



## 30 DAYS OF CODE (PYTHON TRACK)

### Day 0 - Scrabble Word Score Generator

In the game of Scrabble™, each letter has points associated with it. The total score of a word is the sum of the scores of its letters. More common letters are worth fewer points while less common letters are worth more points. The points associated with each letter are shown below:

One point	A, E, I, L, N, O, R, S, T and U
Two points	D and G
Three points	B, C, M and P
Four points	F, H, V, W and Y
Five points	K
Eight points	J and X
Ten points	Q and Z

Write a function named **word\_score** that **takes in a string of alphabets as input** and **returns the Scrabble™ score as an interger**.

Hint: Data structures like dictionaries could be useful...

#### Note:

- A Scrabble™ board includes some squares that multiply the value of a letter or the value of an entire word. We will ignore these squares in this task.
- Files should be named in the format: **FirstName\_LastName\_day0.py**

#### Test inputs:

- quixotic (26)
- maximize (28)
- jezebel (25)
- quizzify(41)
- fortune(10)