

## Problem Statement – X

Consider that vowels in the alphabet are a, e, i, o, u and y.

Function `score_words` takes a list of lowercase words as an argument and returns a score as follows:

The score of a single word is 2 if the word contains an even number of vowels. Otherwise, the score of this word is 1. The score for the whole list of words is the sum of scores of all words in the list.

Create a flask API to handle a POST request and return a list of scores

### **Input Format**

JSON containing 2 data:

n\_lists: number of lists

lists: json of lists

Sample:

```
{
  'n_lists': 2,
  'lists': {
    'apple': {'joy', 'goodwill', 'night', 'i'},
    'base': {'w1nn1ngs', 'hipp0', 'COP'}
  }
}
```

### **Output Format**

JSON containing a single data:

scores: contains json of lists name and their scores

```
{
  scores: {
    'apple': 5,
    'base' : 4
  }
}
```