coursera   **Lab Help**

NLP Course 2 Week 1 Lesson : Building The Model - Lecture Exercise 02

Estimated Time: 20 minutes

Candidates from String Edits

Create a list of candidate strings by applying an edit operation

Imports and Data

```
In [1]:  # data
         word = 'dearz' # 🐫
```

Splits

Find all the ways you can split a word into 2 parts !

```
In [2]:  # splits with a loop
         splits_a = []
         for i in range(len(word)+1):
             splits_a.append([word[:i],word[i:]])

         for i in splits_a:
             print(i)
```

```
['', 'dearz']
['d', 'earz']
['de', 'arz']
['dea', 'rz']
['dear', 'z']
['dearz', '']
```

```
In [3]:  # same splits, done using a list comprehension
         splits_b = [(word[:i], word[i:]) for i in range(len(word) + 1)]

         for i in splits_b:
             print(i)
```

```
('', 'dearz')
('d', 'earz')
('de', 'arz')
('dea', 'rz')
('dear', 'z')
('dearz', '')
```