Preliminaries

Data we provide: two lists falsch.txt, richtig.txt, the former being a list of common misspellings, the latter a list of their correct forms. You can access the two in the following way:

```python
f = open("falsch.txt"),
r = open("richtig.txt").
```

Whenever you are asked a question that requires you to implement an FST, we expect you to write an FST or a script that generates an FST to solve that question. Please send your answer as an ipython notebook (.ipynb).

Exercise 1

Implement a spell-checker which is based on the two word lists “richtig.txt”, “falsch.txt”. This spell-checker should map every word in the list “falsch.txt” to its corresponding correct form in the list “richtig.txt”.

1