

Q2. Design a spoken english to written english conversion system that can be continuously matured as you discover more and more conversion rules. For example, you may not have taken care of punctuation rules in the previous part of the exercise. Can you design in a way that such rules can be easily added without having to re-test all the previous rule implementations? Submit link to a google doc or a markdown document in your code repo.

Yes, we can do that.

In the code, a module named **check_front_last** is added, we can modify it to taken care of punctuation rules also.

If the user wants to add a new rule to the list, we can easily append punctuations list with the new rule.

Each and every time user wants to convert spoken English to written English, we can ask the user if user wants to add a new rule.

```
def check_front_last(word, new_rule=None):
    front=""
    last=""

    #we can append this with new punctuation rule as below
    punctuations=['.', ',', '!', '']

    if (len(word)>1):
        if word[-1] in punctuations:
            last=word[-1]
            word=word[:-1]
        if word[0] in punctuations:
            front=word[0]
            word=word[1:]
    return front,word,last

#this can be done as below
if new_rule is None:
    punctuations=['.', ',', '!', '']
else:
    punctuations.append(new_rule)
```