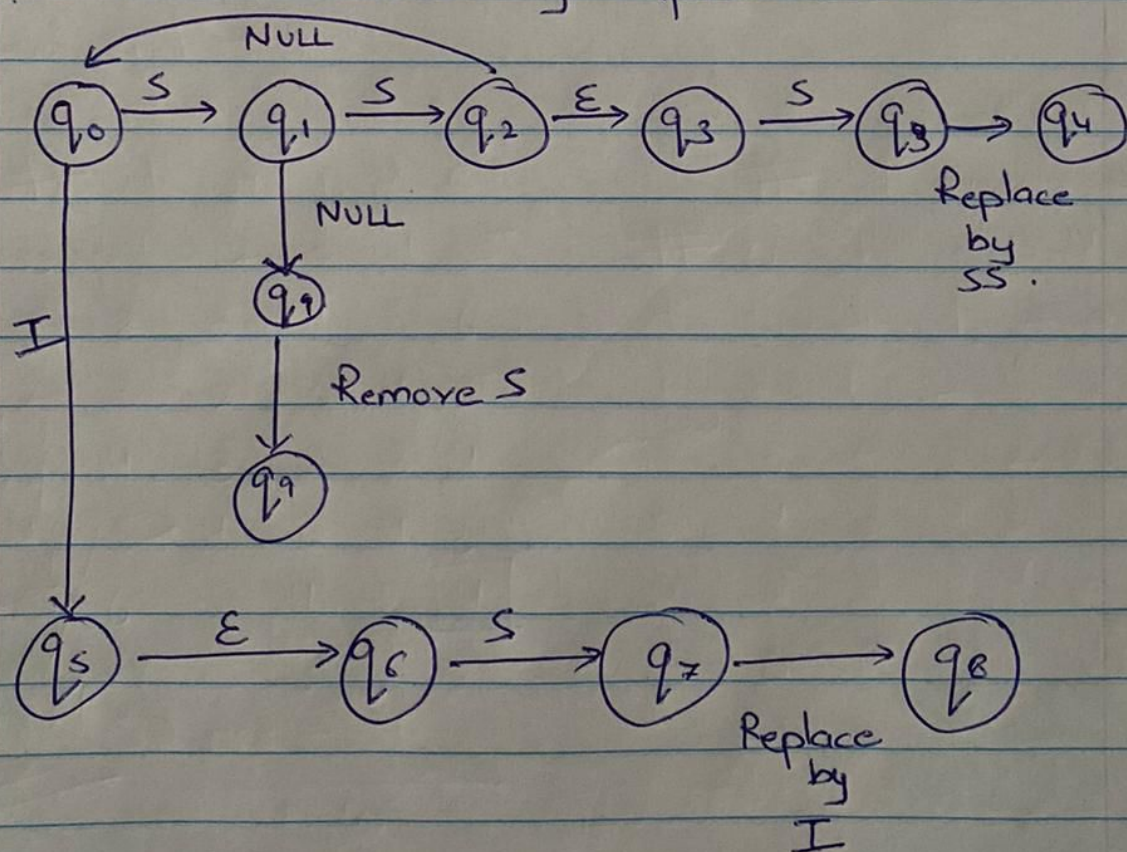


Deliverable-1

1. JSM 2nd Exercise 3.6

Read Porter (1980) or see Martin Porter's official homepage on the Porter Stemmer. Implement one of the steps of the Porter Stemmer as a transducer.

- Replace sses by ss
- Delete s if the preceding word part contains a vowel not immediately before the s.



- If Suffix is us or ss do nothing.

- Replace eed, eedly by ee if it is in the part of the word after the first non-vowel following a vowel.

- Delete eed, eedly, ~~by~~ ~~ee~~ ing, ingly if the preceding word part contains a vowel, and then if the word ends in at, bl or iz add e, or if the word ends with a double letter that is not ll, ss or zz, remove the last letter, or if the word is short, add e.

