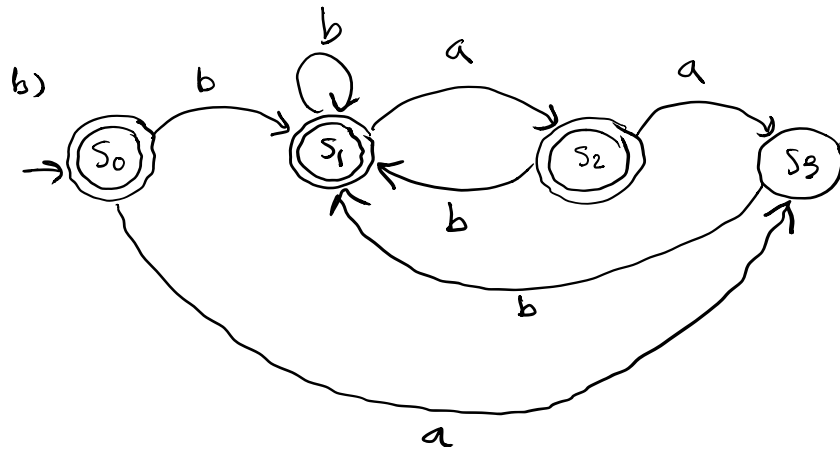
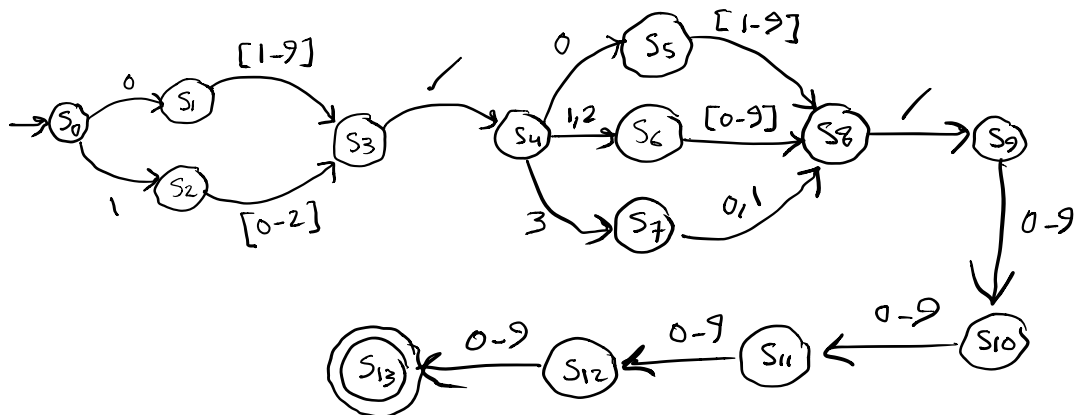


- Q1
- a) $\text{/}\backslash b(\backslash w+)\backslash s+\backslash 1\backslash b\text{/}$
 - b) $\text{/(b ab|ba)*\text{/}$
 - c) $\text{/(0[1-9]|1[0-2])\text{\/}((0[1-9]|1[12][0-9]|3[01])\text{\/}[0-9]\{4\})\text{/}$
 - d) $\text{/}^{\wedge}[0-9]^+\backslash b.\text{*}\backslash b\backslash w+\text{\$}\text{/}$
 - e) $\text{/(walk|talk|break)(sling)?|(walk|talk)ed|broke|broken\text{/}$

Q2



c)



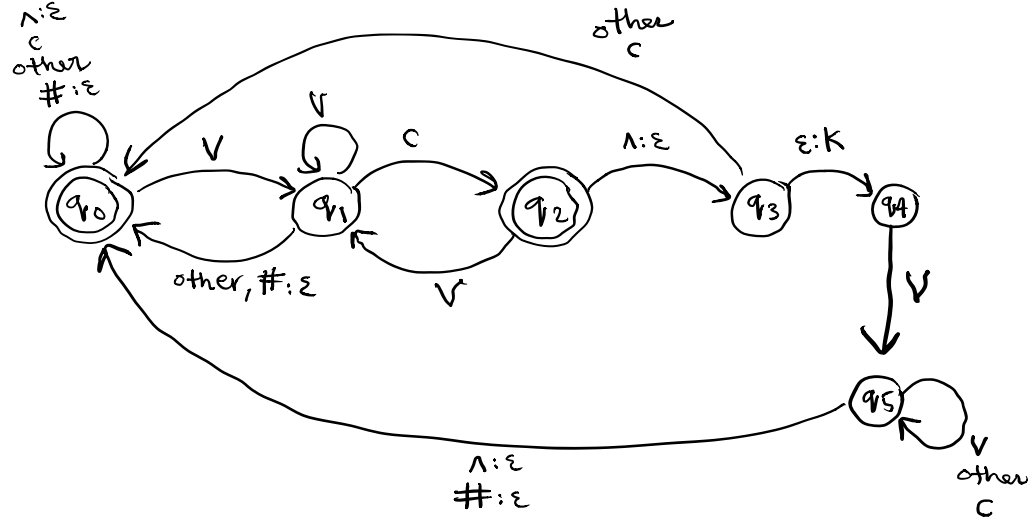
Q3

$\text{/(ab|aba)^+\text{/}$

$\text{/(1^*(01^*0)^*)^*\text{/}$

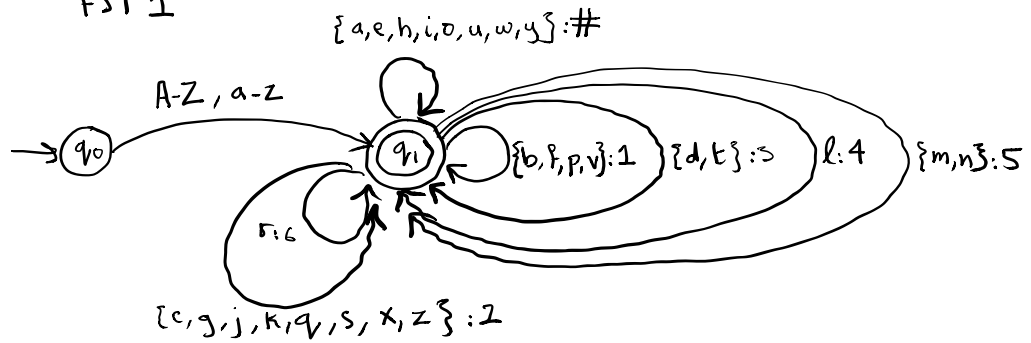
Q4

$V = \{a, e, i, o, u\}$

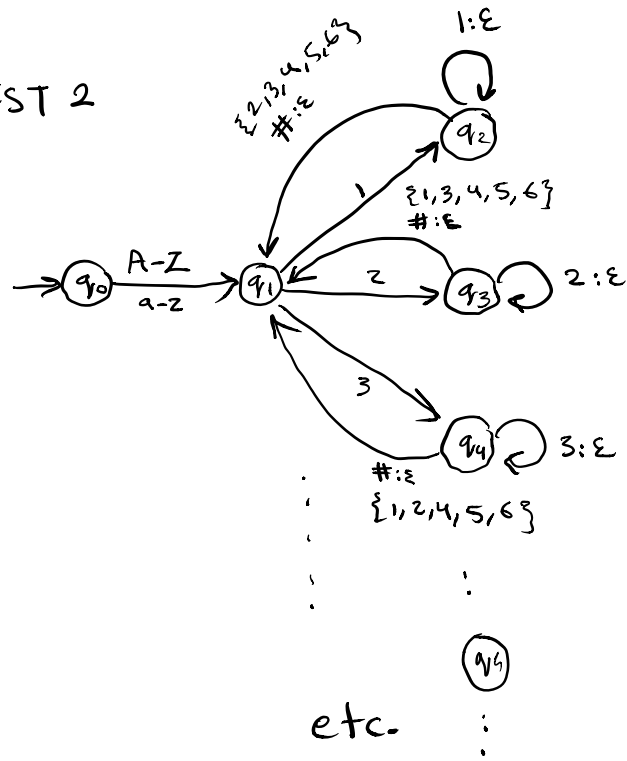


Q5

FST 1



FST 2



etc.

FST₃

