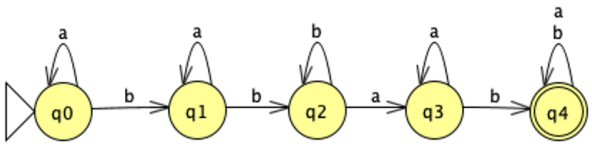
DFAs worksheet
CS51 - Fall 2026

Problem 1

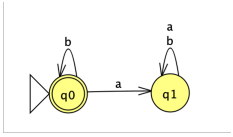


Which of the following strings will be accepted and which rejected?

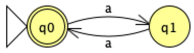
1. aabab
2. bbb
3. babbab
4. aabbaab
5. aaa

Problem 2

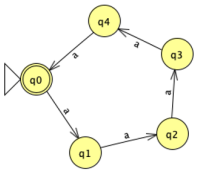
Which language is described by each of the following DFAs?



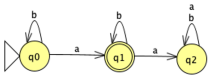
(a)



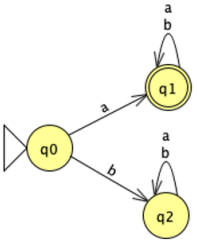
(b)



(c)



(d)



(e)

Problem 3

Revisit the DFAs above and describe them using a regular expression.