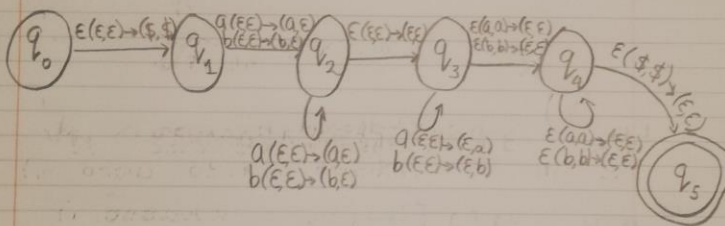


# Assignment Week 9

b	b
b	b
b	b
a	a
a	a
\$	\$
S <sub>1</sub>	S <sub>2</sub>



## Configuration Path:

$(q_0, aabbbbaabbb, (EE)) \vdash (q_1, aabbbbaabbb, ($, $))$   
 $(q_1, aabbbbaabbb, ($, $)) \vdash (q_2, aabbbbaabbb, (a$, $))$   
 $(q_2, aabbbbaabbb, (a$, $)) \vdash (q_2, aabbbbaabbb, (ba$, $))$   
 $(q_2, aabbbbaabbb, (ba$, $)) \vdash (q_3, aabbbbaabbb, (bbba$, $))$   
 $(q_3, aabbbbaabbb, (bbba$, $)) \vdash (q_3, aabbbbaabbb, (bbba$, a$))$   
 $(q_3, aabbbbaabbb, (bbba$, a$)) \vdash (q_3, aabbbbaabbb, (bbba$, ba$, $))$   
 $(q_3, aabbbbaabbb, (bbba$, ba$, $)) \vdash (q_4, aabbbbaabbb, (bbba$, $))$   
 $(q_4, aabbbbaabbb, (bbba$, $)) \vdash (q_4, aabbbbaabbb, (ba$, $))$   
 $(q_4, aabbbbaabbb, (ba$, $)) \vdash (q_4, aabbbbaabbb, ($, $))$   
 $(q_4, aabbbbaabbb, ($, $)) \vdash (q_5, aabbbbaabbb, (E, E))$