CIT 596 Homework 1

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	Exercise	- 1	1
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1.1 Part e

Create a DFA that accepts the language $\{\omega \mid \omega \text{ starts with an a and has at most one b}\}$.

- 1.2 Part f
- 1.3 Part g
- 2 Exercise 1.5
- 2.1 Part c
- 2.2 Part e
- 2.3 Part f
- 3 Exercise 1.6
- 3.1 Part c
- 3.2 Part e
- 3.3 Part g
- 3.4 Part i
- 3.5 Part j

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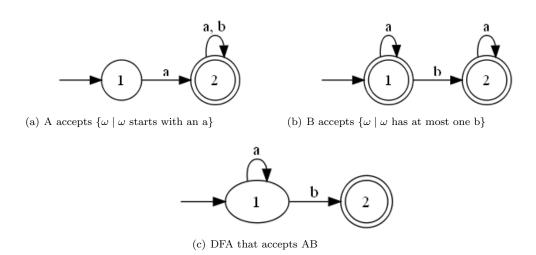


Figure 1: DFA for Exercise 1.4e