

Question 1.10a

Question 1.10b

Question 1.29b

Question 1.46a

Question 1.46c

Question 1.46d

Question 1.47

Question 1.49

Show that  $\{0^n 1^m 2^k \mid k \text{ divides } n + m\}$  is not regular.

Convert the following NFA to a DFA:

