Exercise 1  Show that the language $INFINITE_{DFA}$ is decidable where:

$$INFINITE_{DFA} = \{ (A) \mid A \text{ is a DFA and } L(A) \text{ is an infinite language} \}$$
Exercise 2  Show that the language $ALL_{DFA}$ is decidable where:

$$ALL_{DFA} = \{ \langle A \rangle \mid A \text{ is a DFA and } L(A) = \Sigma^* \}$$