**Assignment 1**

1. Draw DFAs for each of the languages below. None of your DFAs may contain more than 4 states. (10 points)
2. All strings that end with 11.
3. All strings that do not contain 01.
4. Draw NFAs for each language in question 1. (10 points)
5. Which languages in question 1 accept these strings? Show the work. (5 points)
   1. 001101
   2. 000111

Notes:

* Submit your answers to Canvas. No hard copies.
* Handwritten answers are accepted but should be legible.