

# Team Assignment 1

Create DFAs that recognize the following languages:

1. The set of inputs that have only "1"s?
2. The set of inputs that start with "1" and end with "0"?
3. The set of inputs that contain an even length?

4. The set of inputs that has an odd number of "0"s?

5. The set of inputs that contain "001" somewhere in them?

6. The set of inputs that does not contain "001" in them?

7. The set of inputs that begins with “001”?

8. The set of inputs that ends with “001”?

9. The set of inputs that begin and end with the same symbol?

10. The set of inputs that begin and end with the same two symbols?