

CS314 Problem Set 2

1. Construct a DFA that recognize the set of bit strings that end with two 0s
2. Get the first 5 elements from the list `[5, 10, 15, 20, 25, 30, 35, 40]`
3. Add a new element 18 to the list `[5, 10, 15, 20, 25, 30, 35, 40]`
4. Define a function to print all positive integers less than 20
5. Input three integers `a`, `b`, `c`, and then print the three numbers in ascending order.
6. Suppose you have a list `[5, 10, 7, 20, 13, 30, 28, 40]`, ranking all elements in descending order.