Assignment # 5

Q1) Construct deterministic finite automata with transition function and transition table which accept the following expression;

1. 00(0+1)\*
2. (0+1)\*11
3. 00(0+1)\*11

Q2) Construct non-deterministic finite automata that accepts the language {ab, abc}\*. This is the set of strings where ab and abc may be repeated.

Q3) [Find the NFA for the language {w | w contains an even number of 0s or contains exactly 11}](https://math.stackexchange.com/questions/55264/find-the-nfa-for-the-language-w-text-w-contains-an-even-number-of-0s-or).