

## **Bahria University, Islamabad Campus**

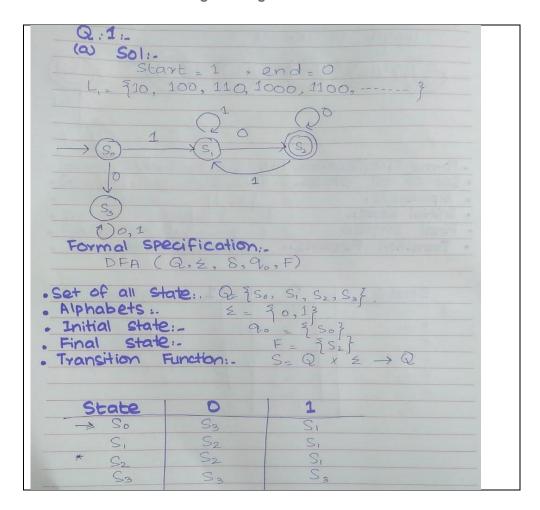
## Department of Computer Sciences Assignment 1

Due: Week 3, 4 during class Total Marks: 10 Class: BSCS 4A,B MSCS 0A

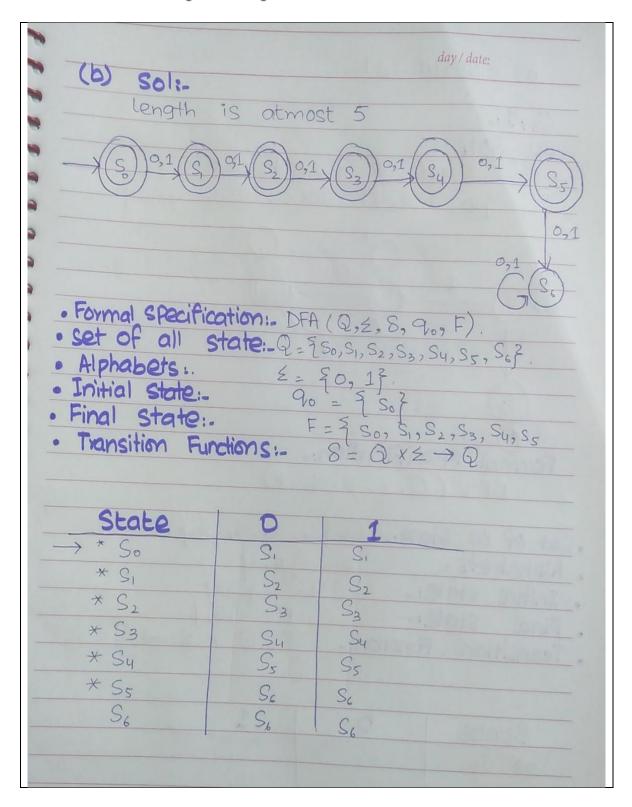
## Roll No: Name:

01-134192-030	MALIK ZOHAIB MUSTAFA
01-134192-056	MUHAMMAD KHIZER WAHEED
01-134192-106	SHAHZAIB IQBAL
01-134192-090	ZAINAB TARIQ
01-134192-075	SAMAMA KHAN

- 1. Design DFA and provide formal specifications. Alphabet is {0,1} in all the questions.
  - a. The set of strings that begin with a 1 and ends with a 0.



b. The set of all the strings whose length is at most 5.



- 2. Design DFA and provide formal specifications. Alphabet is {0,1} in all the questions.
  - a. The set of all the strings with 0100 at the end.

