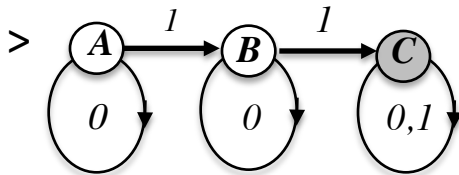


**CS 302  
QUIZ 1****29 September, 2016****Duration : 15 minutes*****Do not forget to write your name on your paper !*****QUESTION**

*Consider the graphical sketch of an automaton above*

- (a)** (5 pts) *Is this a **DFA** ? If so explain why and give a tabular description of it.*
- (b)** ( 5 pts) *State a simple linguistic definition of the strings accepted by this automaton.*