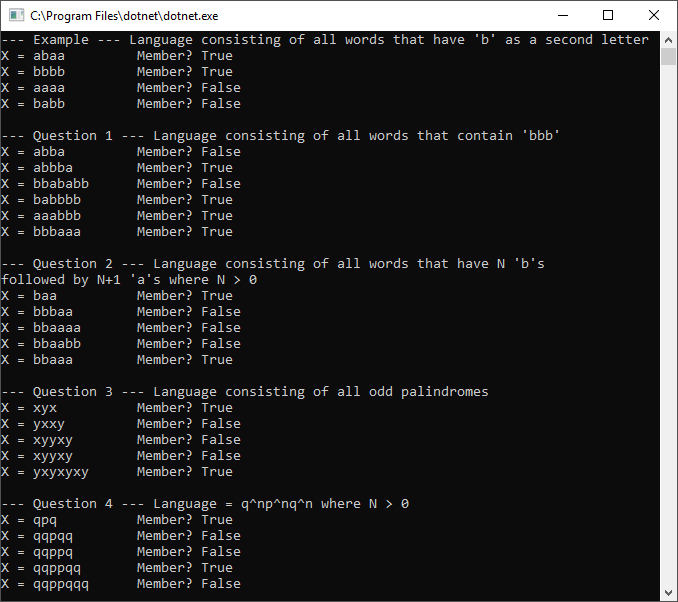
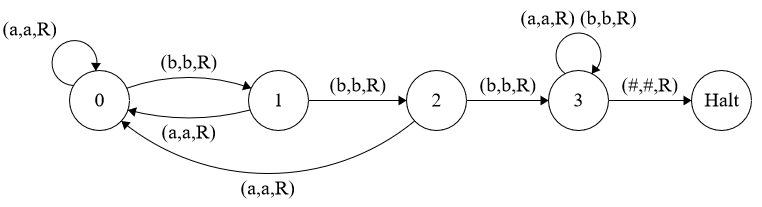
**Program Output**



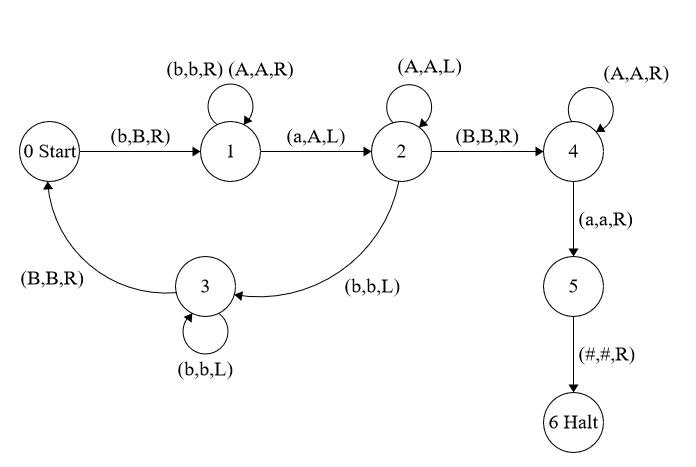
**Turing Machines**

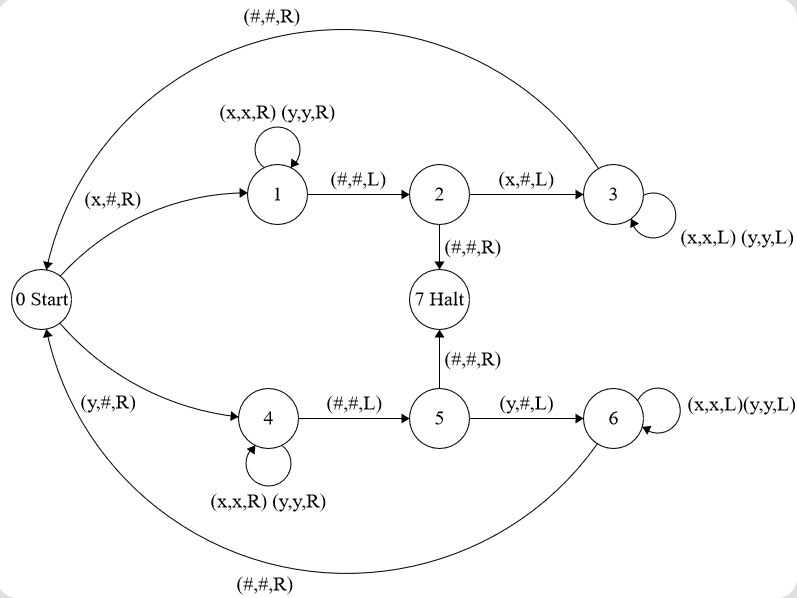
**Question 1 –** Language consisting of all words that contain the substring ‘bbb’

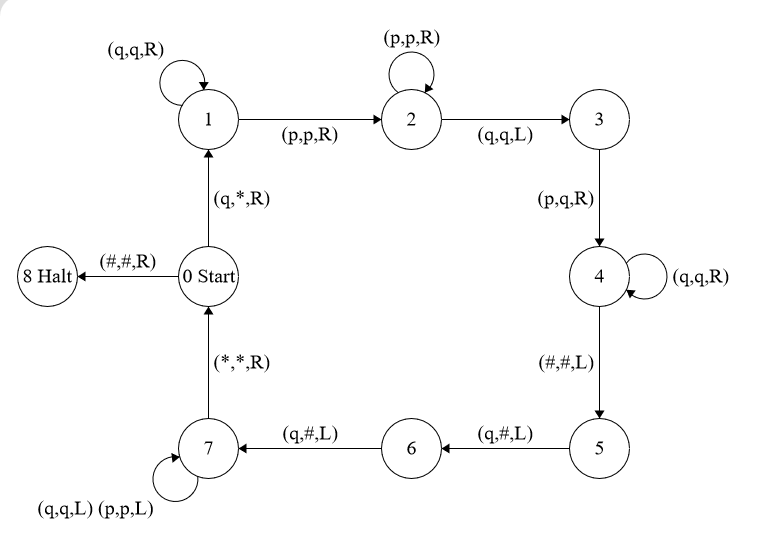
0 is start. Halt is state 4



**Question 2 –** Language consisting of all words that have N b’s followed by N+1 a’s where N > 0



**Question 3 –** Language consisting of words that are odd length palindromes

**Question 4 –** Language consisting of words in qnpnqn where n > 0