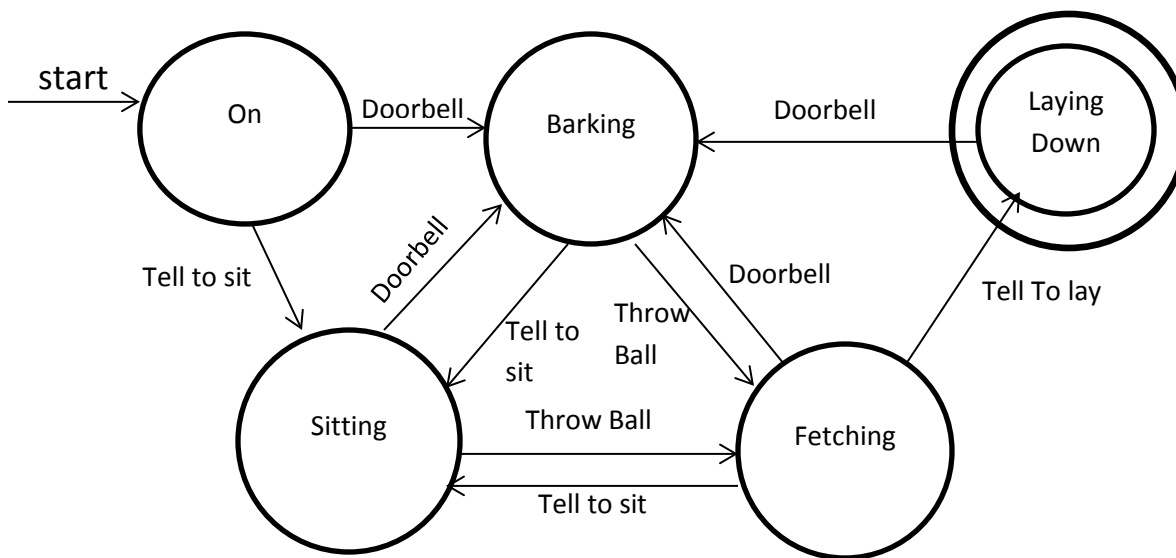# Worksheet: Robot Dog

1. Identify the following states

    a. Start State: _____

    b. Stop State: _____

2. Identify what the dog will be doing after each set of actions OR write **ERROR** if the set of actions is not valid.

    a. Doorbell, Tell to sit, Throw ball: _____

    b. Tell to sit, Doorbell, Tell to sit: _____

    c. Tell to sit, Throw ball, Tell to Lay: _____

    d. Tell to sit, Throw ball, Throw ball: _____

    e. Doorbell, Tell to sit, Doorbell, Throw ball, Tell to sit: _____

3. Circle the paths from question 2 where the dog barks.