Software Models – Object Oriented Models

State chart

1. Explain what is meant by state.

2. Explain what is meant by stimuli.

3. Give an example of internal stimuli.

4. Draw a state chart showing the behavioural model of a microwave oven. Complement your drawing with tables describing the states and stimulus of the system.

5. Draw a state chart showing the behavioural model of a coffee machine.

6. Draw a state chart showing the behavioural model of soft drink vending machine.

7. Explain what would you do when you have more than 11 states to draw on a state chart.
8. Consider the shown state chart for a microwave oven. Complete the missing stimuli on the chart.