

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.

