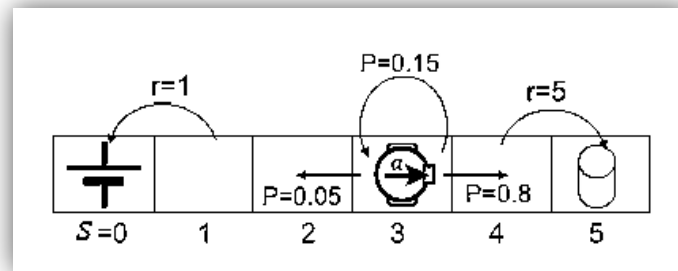In this environment, there is a robot that should find the garbage and charge its batteries on time. The following figure is an illustration of the environment.

- The valid actions for the robot are moving left (-1) and right (1). The robot cannot take any of the actions in state 0 and 5.
- If Right/Left action is taken, the robot moves to Right/Left state with the probability of 0.8, stays in its current state with the probability of 0.15, and moves to Left/Right state with the probability of 0.05.
- The rewards for cell 0 and 5 are shown in the figure. These states are Terminal states. There isn't any reward for other state transitions.