3. Performing a high jump.

P: successful jump over the desired height or not

E: The ground for jumping, weather (if outdoors), the roof, the mattress for landing.

A: body parts, like leg, foot, arms that can perform the jump.

S: body parts like eyes, can see how far to run, how high to jump, maybe use ears to follow instructions.

Properties: fully observable, stochastic, sequential, dynamic, continous single-agent, unknown.

4. Knitting a sweater. (Assuming the robot can knit and think at the same time)

P: Actual sweater is done and can fit into a person or not

E: The tools for knitting, the place for knitting, sketch needed of the sweater

A: hands for knitting.

S: eyes, ears to see the current process and follow others' advice.

Properties: fully observable, stochastic, sequential, dynamic, continous single-agent, unknown.