National University of Modern Languages
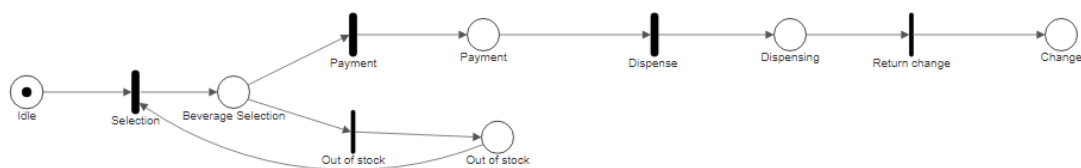
👤	Student Name	Muhammad Zohaib
📇	Class	BSSE-31-5-(A)
📇	Roll no.	SP21295
📖	Subject	SCD
📅	Due	@March 22, 2024

Lab Report 6:

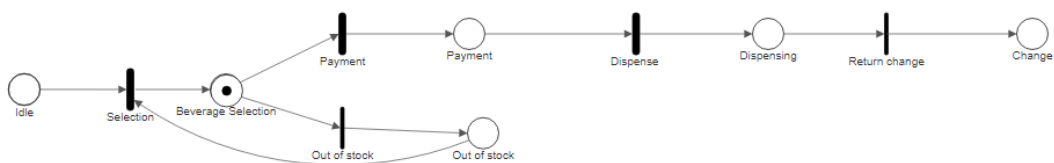**Q1. Draw petri net diagram for the scenario of a beverages vending machine.**
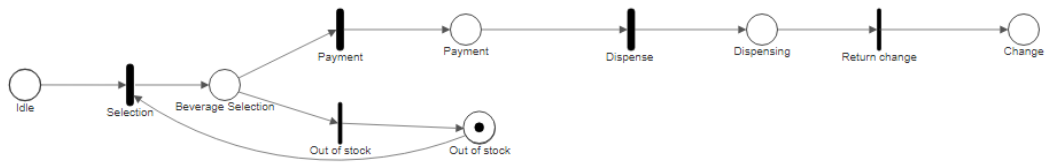
Diagram:

1. Idle state:

2. Selection
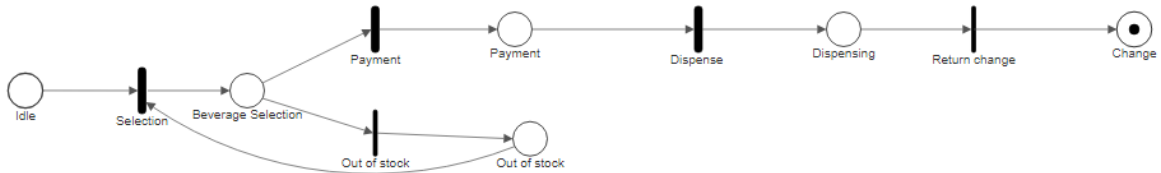

3. Payment:
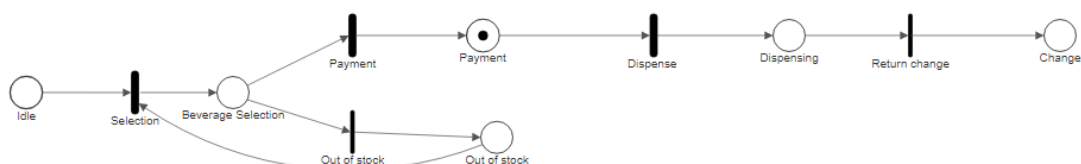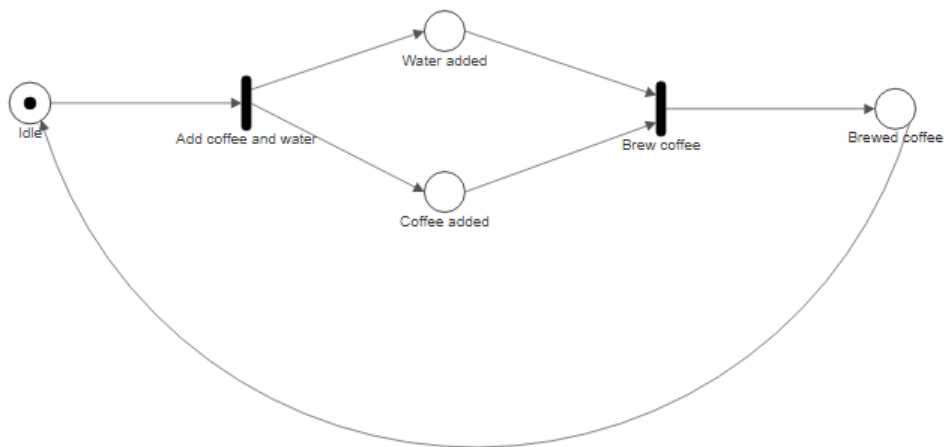

2a. Out of Stock:

4. Dispensing:
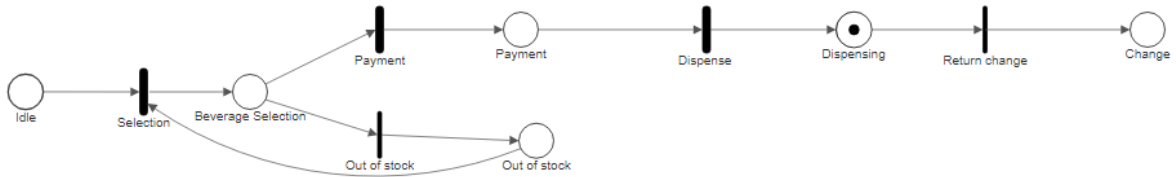
5. Change Returning:

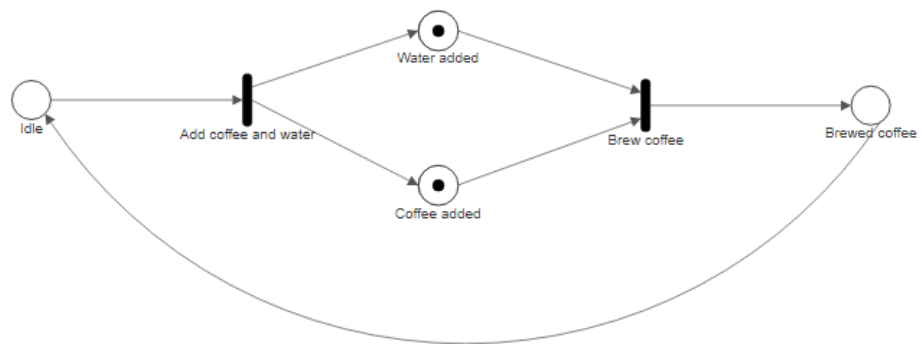**Q2. Draw petri net diagram for the scenario of a coffee brewing machine,**

Diagram:

1. Idle

2. Coffee/Water added

3. Brewed State: