

(check the “diagrams_tables.xlsx” file)

Task 1

Create a state and transition diagram using **MIRO Environment** for buying a chocolate bar from a vending machine. Select the item, pay for it, and then get a candy bar. There are **5 attempts** to enter a banknote, and then everything is reset.

Task 2

- Using the diagram constructed, make a table of states and transitions.
- Select valid combinations (from the diagram)
- For the remaining combinations, add the expected actions and new states where it is possible.