

# Mealy machine sequences

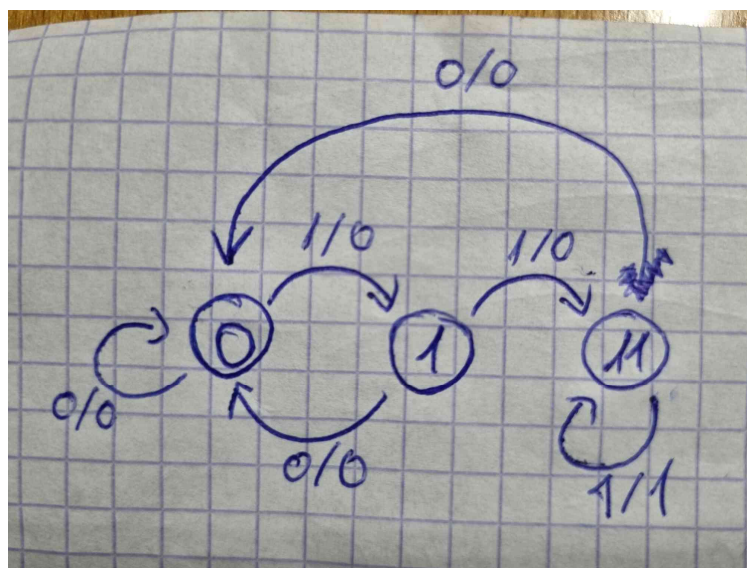
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## 1. Task:

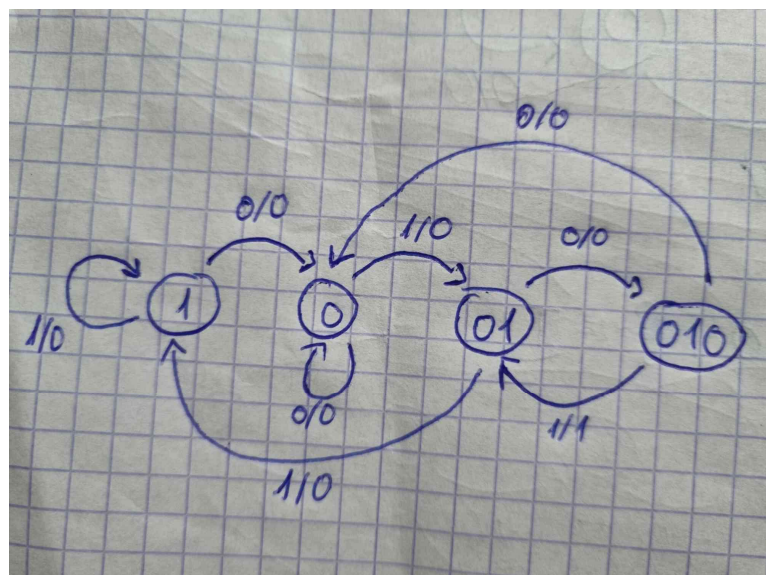
Design three mealy machines to detect specific sequences of keywords in the given input set.

## 2. Mealy machines:

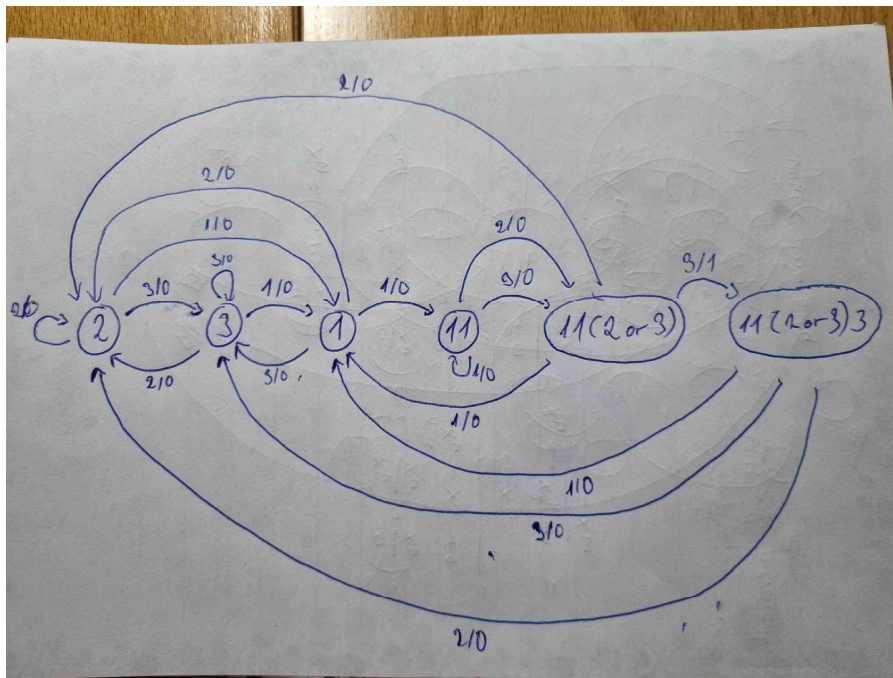
- Sequence 111:



- Sequence 0101:



- Sequence 11(2 or 3)3:



### 3. Description:

This mealy machines detect if the last received input symbols is any instant form the sequences 111, 0101, 1123 and 1133.