## Sequence Detector

DCS Final Presentation

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## What is a Sequence Detector?

A sequence detector accepts as input a string of bits: either 0 or 1. Its output goes to 1 when a target sequence has been detected.



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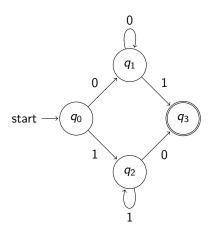
## Types of Sequence Detector

There are two basic types of Sequence Detector

- Overlap
- Non-Overlap



## Simple Finite State Machine





Sequence Detector