Name: Preyash

Registration Number: 20BPS1022 Date: 03 March, 2022

**LAB-05**

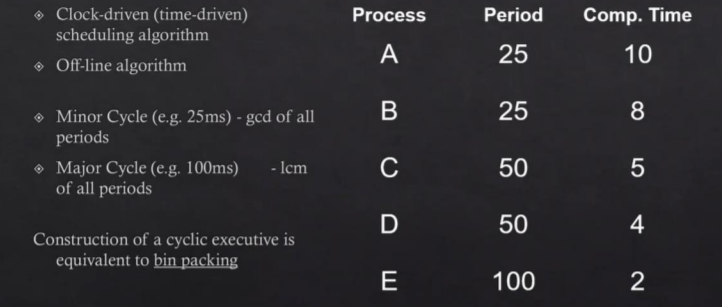
**CSE2021**

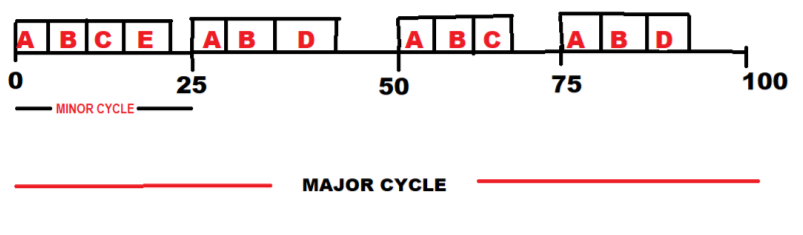
**DISTRIBUTED REAL-TIME SYSTEMS**

**Tools Used: Ptolemy**

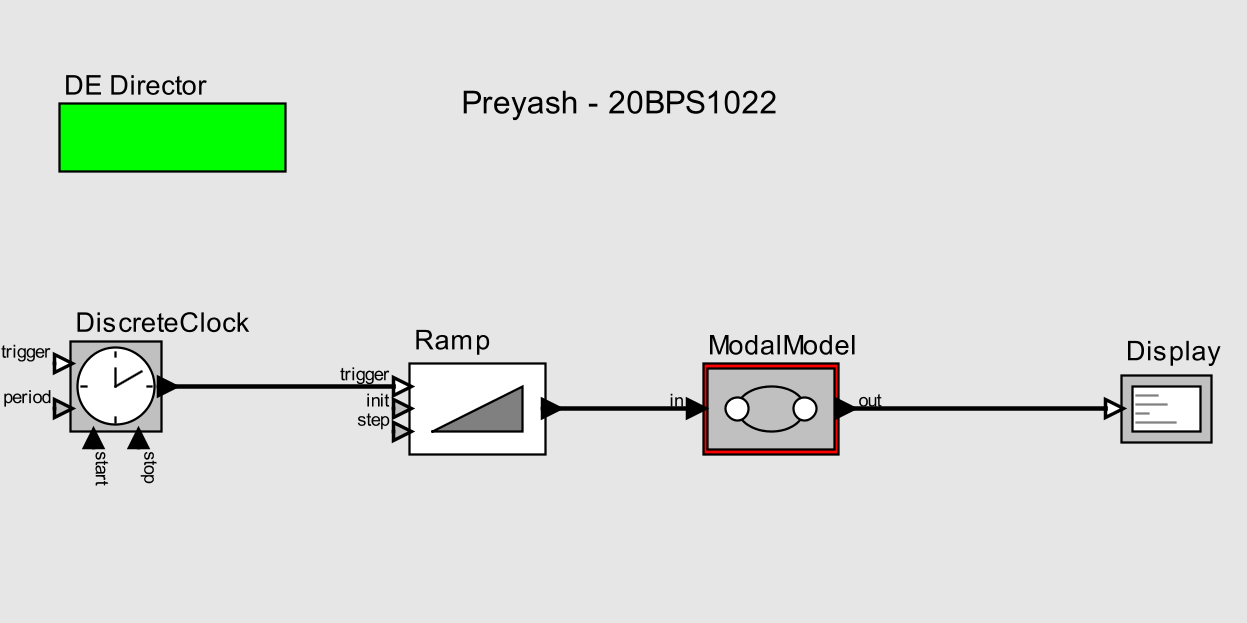
**Task: Creating cyclic scheduling using Finite State Machine (FSM).**

**Question:**

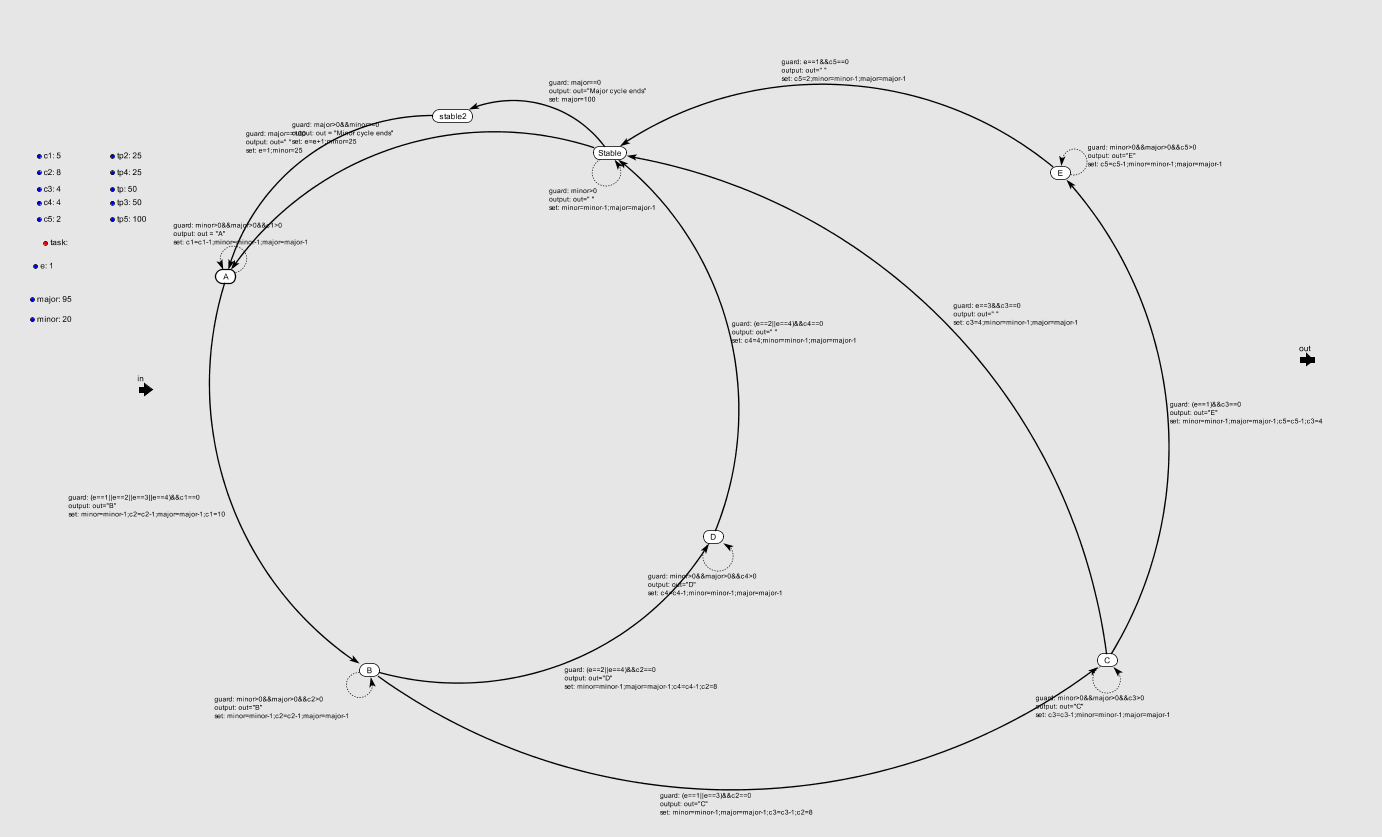


**Schedule:**

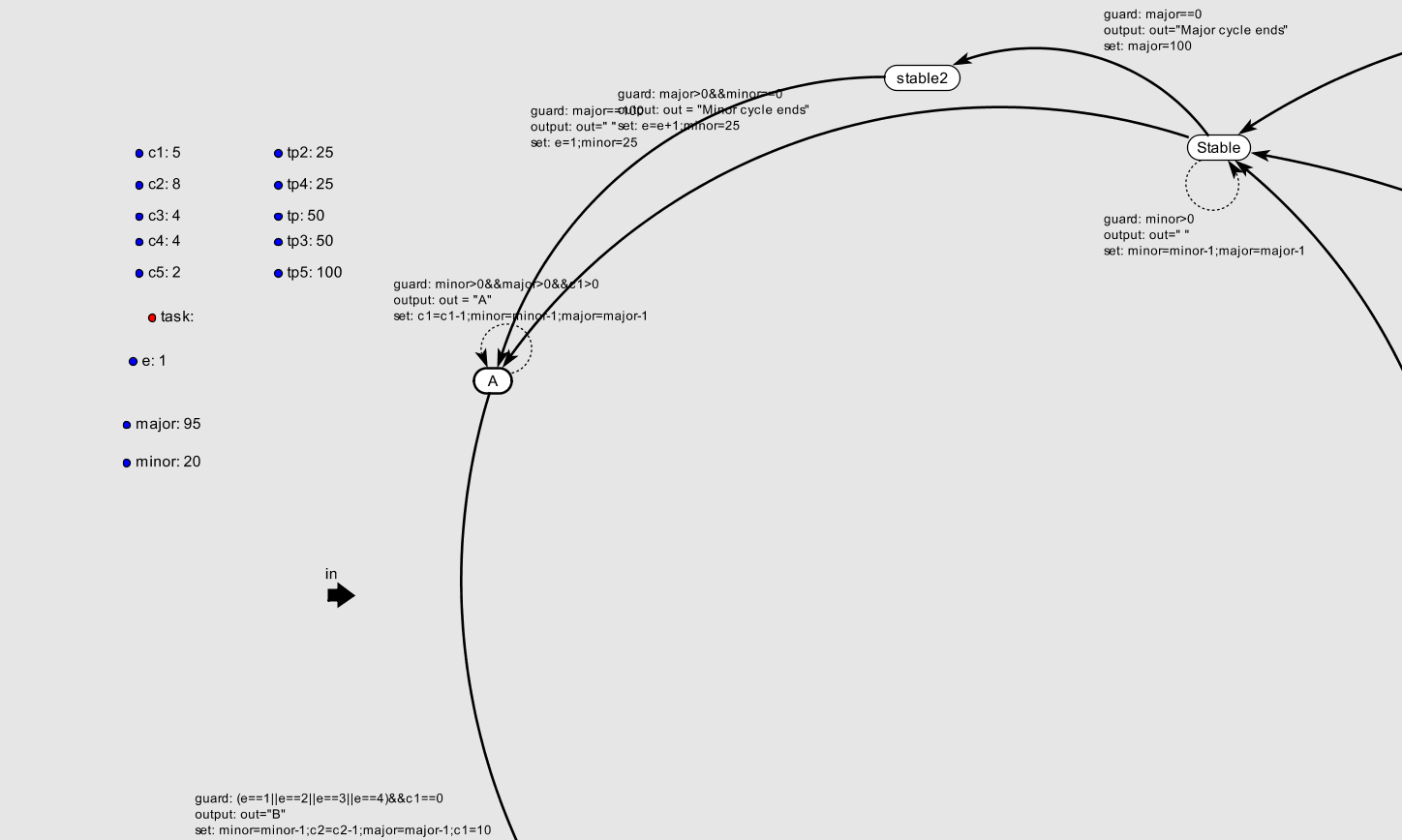
**Circuit:**

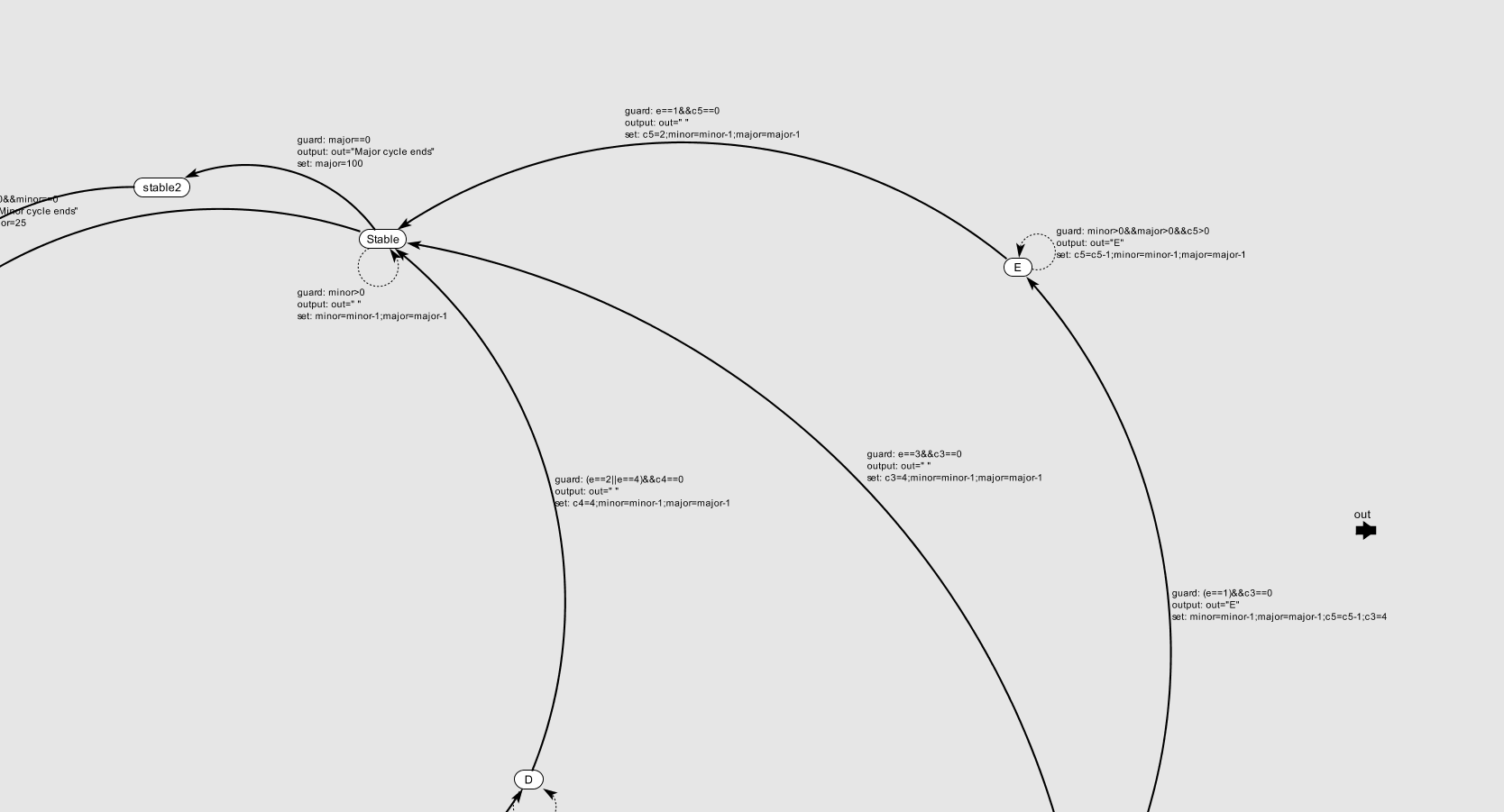
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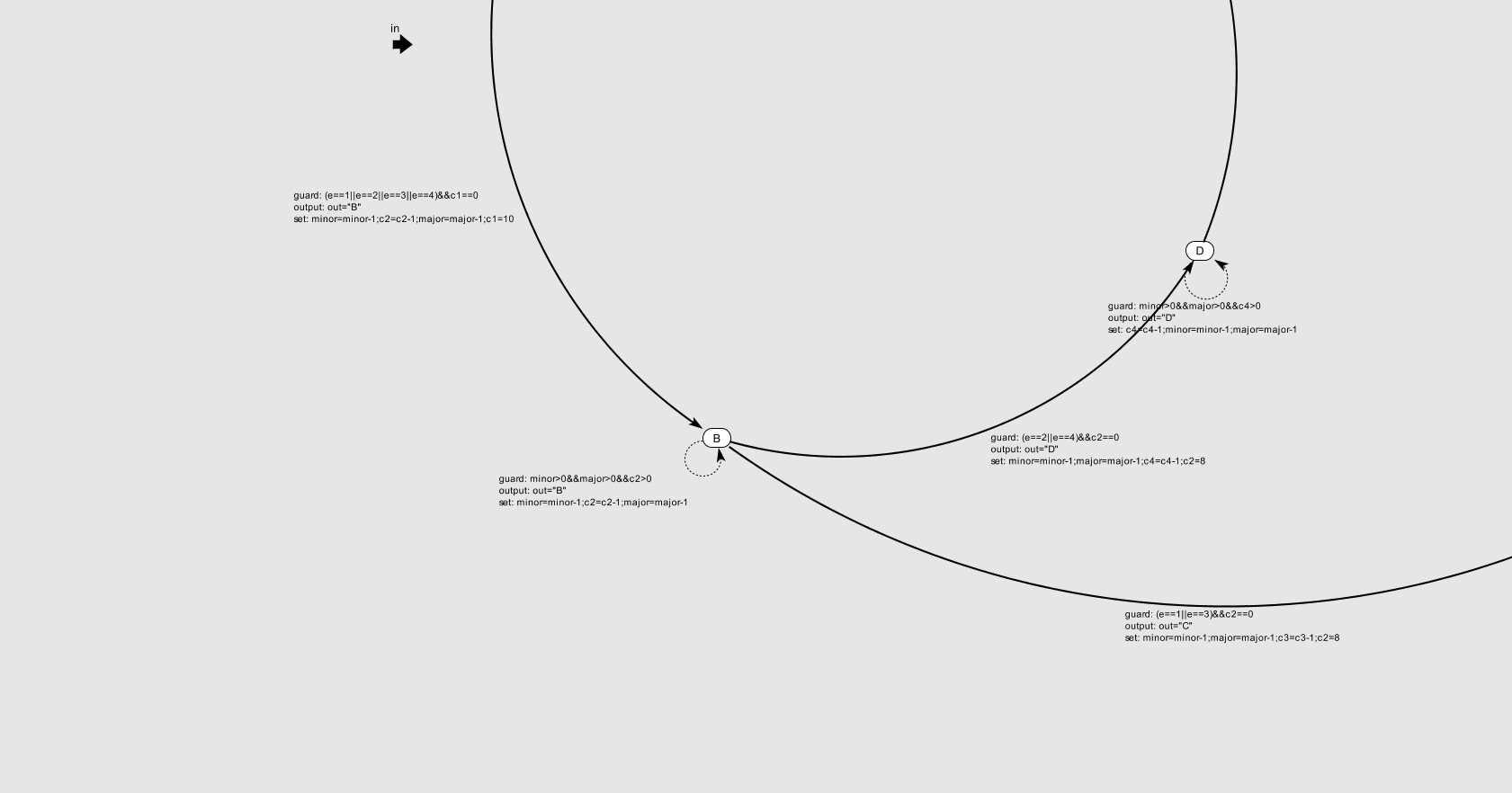
**FSM:**

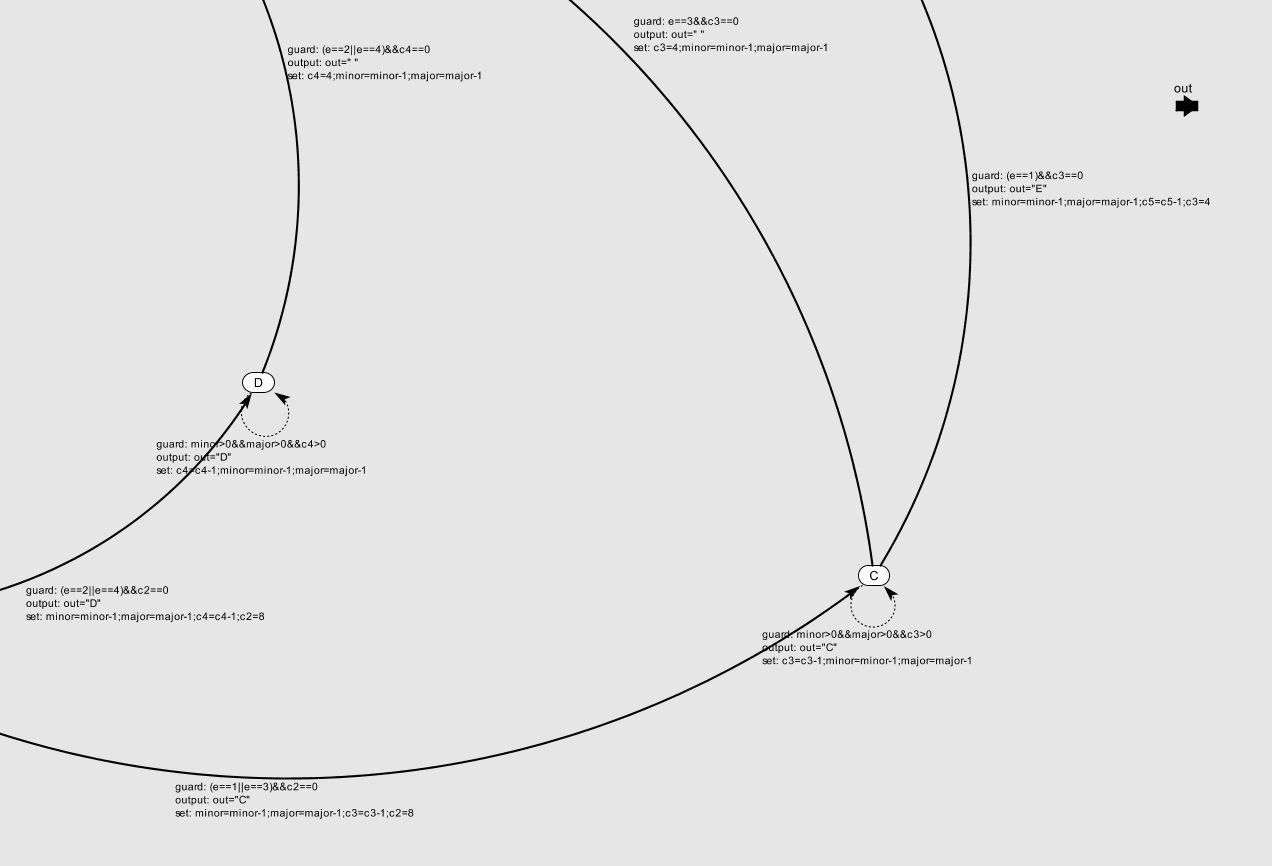
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**Closer view:**

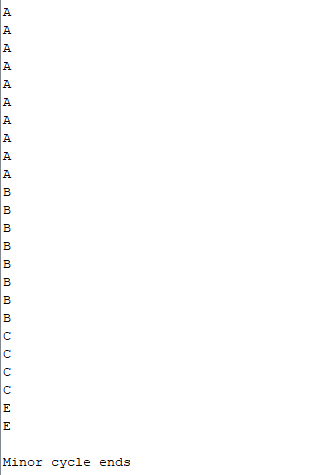
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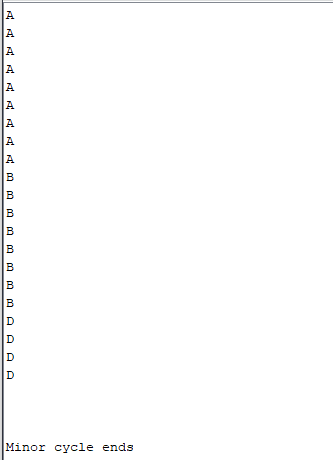
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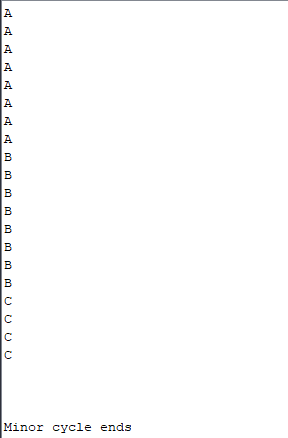
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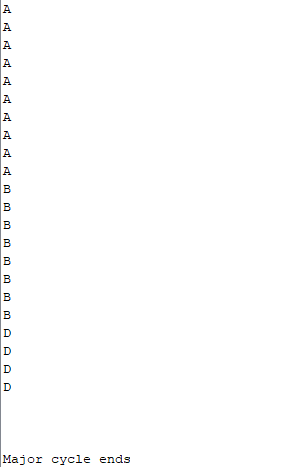
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**Output:**

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**Note:** The Program will keep on running for every major cycle in similar way.