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HW12

Artificial Intelligence

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Solution: This is a Plex grammar that generates the given flowchart.

$\langle \text{FlowChart} \rangle \rightarrow \langle \text{Top} \rangle \langle \text{Bottom} \rangle (21_1, 31_2)$

$\langle \text{Top} \rangle (2, 3) \rightarrow \langle \text{Start} \rangle \langle \text{Predicate} \rangle (11)(02, 03)$

$\langle \text{Bottom} \rangle (1_1, 1_2) \rightarrow \langle \text{Function} \rangle \langle \text{Predicate} \rangle \langle \text{Function} \rangle \langle \text{End} \rangle (2001, 0201, 0021, 0310)(1_1000, 01_200)$

That's it! Pretty basic really, this will produce the flowchart in the example. Cool!