



*See description on the next page*

## Description

The following diagram shows the algorithmic steps of the *isLeapYear()* method in assignment-00.

This list shows what each of the elements in the diagram represents.

- **Black dot (filled):** The state before the method is invoked
- **Black dot (within black circle):** The state after the method terminates
- **Rounded Box:** An Action on or of the method
- **Diamond Shape:** An *if statement*. A conditional check on the *year* arg. Labels next to these boxes explains the condition. Outgoing arrows points to the outcome based on the result of the check. Labels next to these arrow shows the evaluated result.
- **Horizontal Rectangle:** A synchronization bar, meaning the checks from the ingoing arrows resulted in the same state.