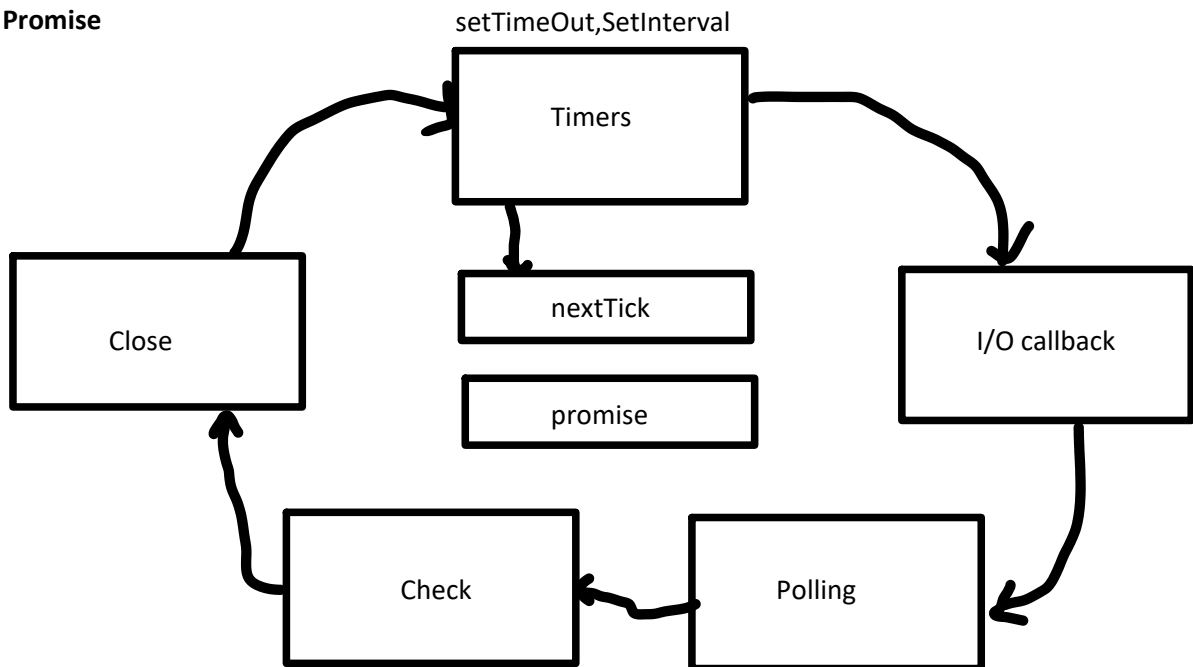


Assignment 10

Tuesday, November 14, 2023 3:16 PM

1.

- **timers**: this phase executes callbacks scheduled by `setTimeout()` and `setInterval()`.
- **pending** callbacks: executes I/O callbacks deferred to the next loop iteration.
- **idle, prepare**: only used internally.
- **poll**: retrieve new I/O events; execute I/O related callbacks (almost all with the exception of close callbacks, the ones scheduled by timers, and `setImmediate()`); node will block here when appropriate.
- **check**: `setImmediate()` callbacks are invoked here. `close` callbacks: some close callbacks, e.g. `socket.on('close', ...)`
- **nextTick**
- **Promise**



start
end
nextTick 1
nextTick 2
Promise...1
Promise...2
timeout 1
timeout 2
nextTick 3
timeout 3

3. timeout
readFile....
Immediate

4. in browser "Hello World" because this refer window
In Node js undefind because this refere not window

5. error: because getName is not a function

6. works output: Josh Edward

7. works output: Josh Edward

8. output: { firstname: 'John', lastname: 'Smith' }