

# Async js

What is async and what is sync?

*For example, we have the following task list:*

1. Prepare a cake 10 minutes
2. Bake a cake 30 minutes
3. Buy coffee 30 minutes
4. Read a book 40 minutes

One thread (One person – can execute one action at a time)

Sync 110 minutes	Async 80 minutes
<ol style="list-style-type: none"><li>1. Prepare a cake 10 minutes</li><li>2. Bake a cake 30 minutes</li><li>3. Buy coffee 30 minutes</li><li>4. Read a book 40 minutes</li></ol>	<div>Prepare a cake 10 minutes</div> <div><div>Bake a cake 30 minutes</div><div>Buy coffee 30 minutes</div></div> <div>Read a book 40 minutes</div>

Two thread (two people – can execute two action at a time)

Sync 110 minutes	Async 40 minutes
<ol style="list-style-type: none"><li>1. Prepare a cake 10 minutes</li><li>2. Bake a cake 30 minutes</li><li>3. Buy coffee 30 minutes</li><li>4. Read a book 40 minutes</li></ol>	<div><div><div>Prepare a cake 10 minutes</div><div><div>Bake a cake 30 minutes</div><div>Buy coffee 30 minutes</div></div></div><div>Read a book 40 minutes</div></div>

