So to recap, synchronous code is executed in sequence – each statement waits for the previous statement to finish before executing. Asynchronous code doesn’t have to wait – your program can continue to run. You do this to keep your site or app responsive, reducing waiting time for the user.

<https://rowanmanning.com/posts/javascript-for-beginners-async/#:~:text=So%20to%20recap%2C%20synchronous%20code,waiting%20time%20for%20the%20user>.