function debounceOrThrottle(fn, delay) {

let timer = null;

return function() {

let context = this;

let args = arguments;

clearTimeout(timer);

timer = setTimeout(function() {

fn.apply(context, args);

}, delay);

}

}

async function async1() {

console.log("async1 start");

await async2();

console.log("async1 end");

}

async function async2() {

console.log("async2");

}

console.log("script start");

setTimeout(function() {

console.log("setTimeout");

}, 0);

async1();

new Promise(function(resolve) {

console.log("promise1");

resolve();

}).then(function() {

console.log("promise2");

});

console.log('script end')