1. A. Define a removeNum function that will work asynchronously on every Array object.

The function accepts one argument: a number.

The function returns a new array after removing all instances of the passed number.

B. Explain how **removeNum** function affect the event-loop?

Since removeNum is made asynchronous. Then the event-loop will handle it and put in the task-queue and finally move to stack when the stack is empty.

1. A. Create three buttons:

. Promise Fetch(use Fetch API)

. Async/Await Fetch(use Async/Await)

.Reactive Fetch (use Observables)

when each is clicked you will make a request to <http://randomuser.me/api/>.

Return a JSON with only the name and location.

B. Explain which of Promise fetch, Async/await fetch and Reactive Fetch is asynchronous?

Three of them are asynchronous. Fetch makes the request and then returns promise object.