1. Print "Hello, world" with a delay of 3 seconds.

2. Create a function which receives a function as argument and executes it after 2 seconds.

3. Print numbers from 1 to 10 with delay of 1 second between each value being printed

4. Create 3 fx(), fy(),fz() asynchronous functions and execute one after the other in sequence.

5. Create 3 asynchronous functions fx(), fy(), fz()and execute one after the other in sequence using async/await.

6. Create a function delayedUpperCase(str) that takes in a single parameter and returns a new promise. using setTimeout, after 500 milliseconds, the promise will either resolve or reject. If the input is a string, the promise resolves with that same string uppercased else it rejects with that same input call the function.

7. Design a function(url, maxattempts) which takes url and a value for attempts which will attempt to make a fetch request. If on failure it tries again with for number of times which user has requested.