Promise static methods

1. All() it will tale array as an arg it will return 1st rejected promise returns new promise if all promises are resolved
2. Any()
3. All settled()
4. Race()

Promise.all()

It will take 1 arg I.e array of promises and this method will retuen new promise of resolved state if all the promises are resolved

If any 1 promise also in rejected state then this method will retuen promise with rejected state

If the promise is resolve then the promise resukt will be the array of all the promises

If the promise is in rejected state the promise result will be the 1st rejected promise value

2. promise.any()

This also will take 1 arg i.e array of promises

This method will return promise will resolve state if any 1 promise also resolve

This method will return promise with reject state if all the promises are rejected

If resolve then the promise resukt will be 1st resolve promise value

If rejected then the promise result will be aggrgrate error , all promises were rejected

3. promise.allSettle()

This method will take 1 arg I.e array of promises

It will always return promise with resolve state

The promise resukt will be the array of objects and it holds the status and value or reason for all the promises if it is resolved or rejected

1. Promise.race()

This method also take 1 arg I.e

It will return the resolve promise or rejected promise based on which function is calling first ( i.e resolve or reject function )

Argument object

Args is a keyword which is used to fetch all the arg value inside the function without passing the parameter

It will return the arg obj which is index data structure

We couldn’t able to use arg keyword as an identifier if the use strict statement is there.

Single page web application

1. In Spa the reloading will not happening for every functionality we are performing
2. In spa if we send the request to the server, we will get the response and again if we are sending any new request to the server, we will get the new response and old response will get stored in the browser cache
3. Spa are much faster in performance than mpa

Multipage web application (Mpa)

1. In mpa the reloading will happen for every functionality we are performing
2. In mpa every time both old and new request will go the server and we will get the new response
3. Mpa are better in search engine optimization (se0) than mpa
4. To create mpa we can use the technologies like jquery (javascript library)
5. To create spa we can use the technologies like react (js library) , angular , vue (framework)
6. Mostly we can create E-commerce website or any traditional website like banking or educational websites as a mpa.
7. We can create social media apps or streaming web apps as a spa. Eg – facebook , yt , tinder .

Library

1. A libaray is the collection of pre written codes that developers can used to perform specific tasks
2. The developers calls the library functions or methods if needed
3. The developer will control the flow of the application
4. Librares usually focus on particular functionality or a set of related functionalities
5. Libraries are the tool which you can use for your application

Eg- react , jquery

Framework

1. A framework provides a structure foundation or architecture for your application
2. The framework controls the flow of the program developers can use the component if needed ( classes and function )
3. Framework is a set of lib or packages and it includes tools for multiple aspects of development eg – database , ui , routing

Eg - angular , vue js , Django etc .

React

1. It is a js library which is used to create a user interface