

Promise

Javascript language is a Synchronous Style Thread language.

Some Operations we need to Perform as a Asynchronous.

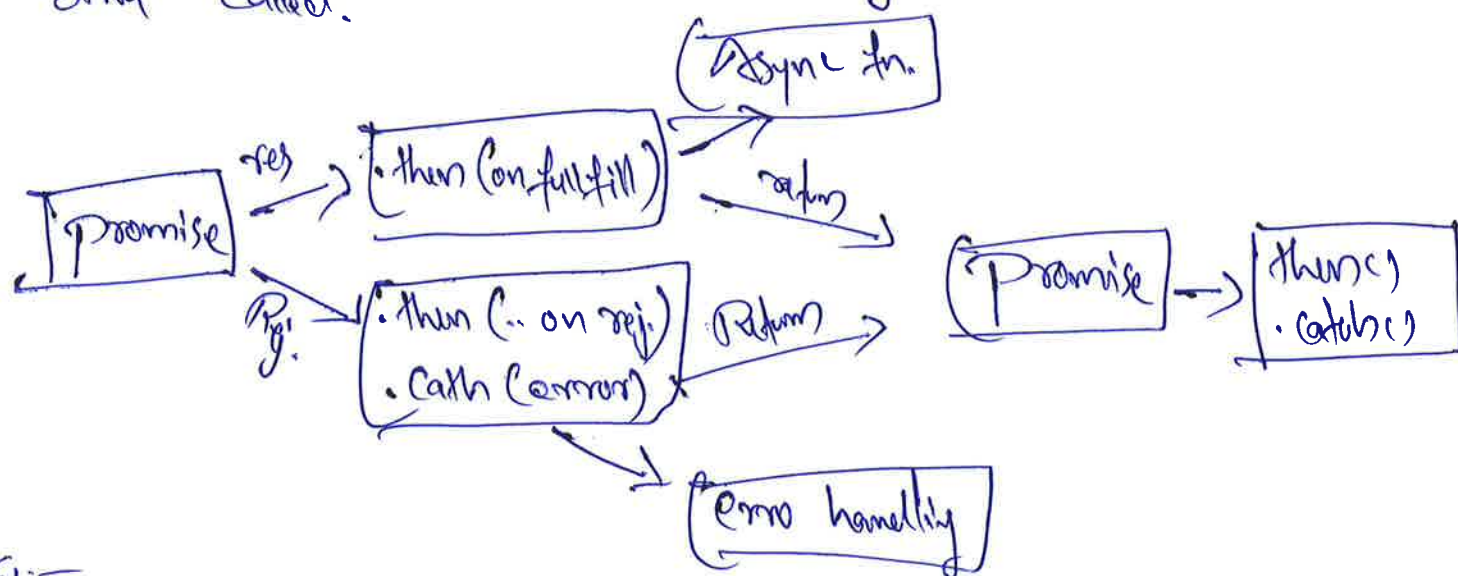
So Promise is a Asynchronous Operation and resulting Value.

Promise is in one of three States:

- 1) Pending \Rightarrow initial state, neither fulfilled nor rejected.
- 2) Resolve. \Rightarrow Means operation was completed Successfully.
- 3) Reject \Rightarrow Means that operation failed.

- it clearly said to be Settled if its either resolved or reject.

- the associated handlers queued up by a promise's 'then' Method and called.



eg:-

```
const myPromise = new Promise((res, rej) => {  
  setTimeout(() => {  
    res("done")  
  }, 5000);  
});
```

```
myPromise  
  .then(handleFulfilled, handleRejected)
```