



**Ganpat
University**

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-----PRACTICAL 08-----

Objective: To understand the usage of promises in EcmaScript.

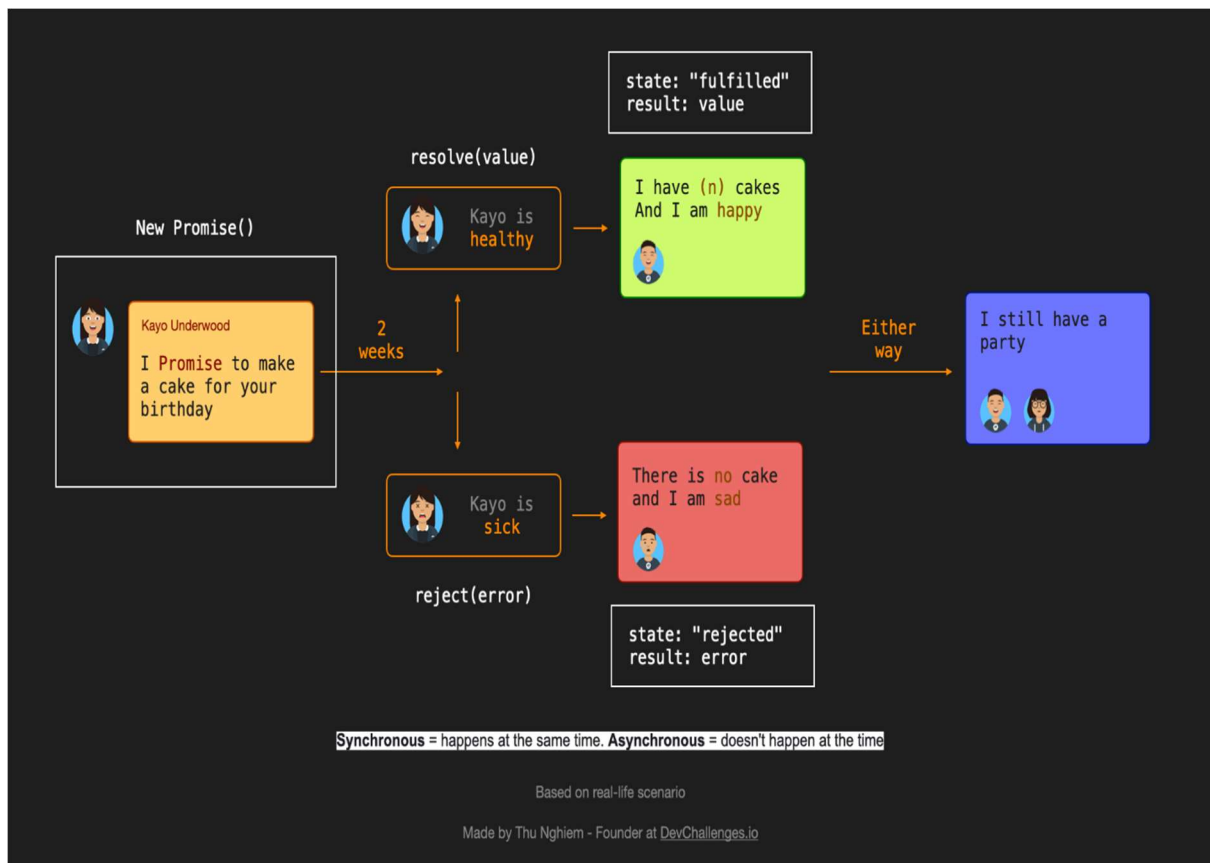
Exercise:

My friend Kayo promises to make a cake for my birthday in two weeks.

If everything goes well and Kayo doesn't get sick, we'll have a certain number of cakes**. Otherwise, if Kayo gets sick, we'll have no cakes.

Either way, we're still going to have a party.

For this first task, we'll translate this story into code using Promise concept of EcmaScript.



(**You can ask Kayo on runtime if she is healthy or not and the number of cakes she can bake.)

✓ **HTML Source Code :**

```

<html>

<head>
  <title>BIRTHDAY</title>
  <script type="module" src="main.js"></script>
</head>

<body>

</body>

</html>

```

✓ **Main.js :**

```

let val = new Promise((resolve, reject) => {
  let cake = 3;
  let health = prompt("Hey Kayo! are you fine?");
  if (health == "yes") {
    resolve("Nice Kayo!Please Make " + cake + " Cakes for party");
  }
  else {

```

```
        reject("Ohh! get well soon! Please make " + cake + " Cakes for  
Party");  
    }  
});  
  
// call resolve data  
val.then(data => {  
    alert(data)  
})  
  
// call reject data  
val.catch(err => {  
    alert(err)  
})  
  
.finally(func1 => {  
    alert("Happy Birthday!")  
})
```

✓ **Output :**

127.0.0.1:63599 says

Hey Kayo! are you fine?

OK Cancel

127.0.0.1:63599 says

Nice Kayo!Please Make 3 Cakes for party

OK

127.0.0.1:63599 says

Happy Birthday!

OK

- **If kayo Says no then :**

127.0.0.1:63599 says

Hey Kayo! are you fine?

OK Cancel

127.0.0.1:63599 says

Ohh! get well soon! Please make 3 Cakes for Party

OK

127.0.0.1:63599 says

Happy Birthday!

OK