

## FET Practical - 8 (Promises)

**Objective:** To understand the usage of promises in EcmaScript.

**Exercise:**

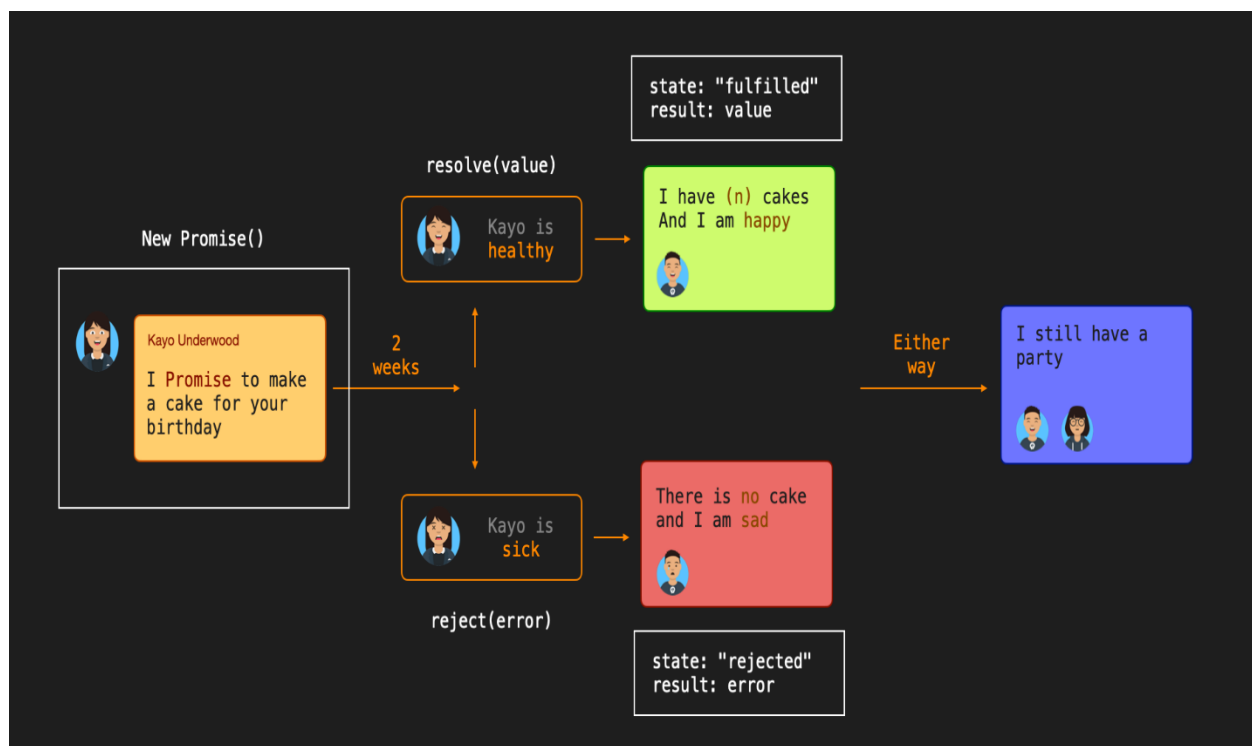
My friend Kayo promises to make a cake for my birthday in two weeks.

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.)

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**CODE:-**

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```
<html>
  <head>
```

```
<title>Promises</title>
</head>
<body>
  <h1>Kayo's Cake:</h1>
  <p>Kayo: I promise to make a cake for your Birthday.</p>
  Kayo is: <input type="text" id="health"/> <br/><br>
  I have prepared:<input type="number" id="cake"/> cakes<br/><br>
  <button onclick="pari()">Submit</button>
  <p id="pj"></p>
  <p id="jp"></p>
  <script>
    function pari()
    {
      function myDisplay(some)
      {
        document.getElementById("pj").innerHTML=some;
      }
      let myPromise=new Promise(function(myResolve,myReject)
      {
        let x=document.getElementById("health").value;
        let y=document.getElementById("cake").value;
        if(x=='healthy' && y>0)
        {
          myResolve('AS Kayo is healthy.\nI have '+y+' cakes and I
am happy.');
```

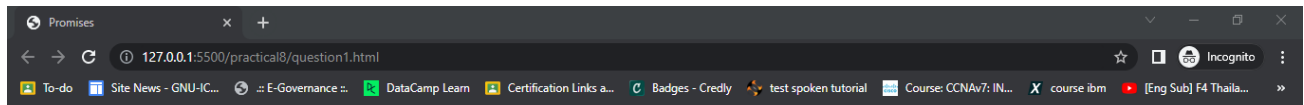
```
        }
        else
        {
          myReject('As Kayo is sick.\nThere is no cake and I am
sad.')
```

```
        }
      });
      myPromise.then
      (
        function(value) {myDisplay(value);},
        function(error) {myDisplay(error);}
      );
      document.getElementById("jp").innerHTML='I still have a party!';
    }
  </script>
</body>
</html>
```

---

## OUTPUT:-

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### Kayo's Cake:

Kayo: I promise to make a cake for your Birthday.

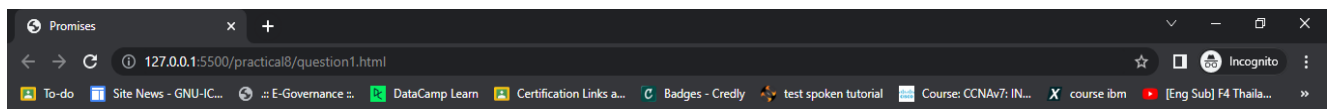
Kayo is: healthy

I have prepared: 0 cakes

Submit

As Kayo is sick. There is no cake and I am sad.

I still have a party!



### Kayo's Cake:

Kayo: I promise to make a cake for your Birthday.

Kayo is: healthy

I have prepared: 2 cakes

Submit

AS Kayo is healthy. I have 2 cakes and I am happy.

I still have a party!

