

## Promise and Error Handling - Practice Code

### Steps to see the output:

- Open VS code.
- Select New File in the opened folder...
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given JS code in the file.
- View the file in the browser, by right click on the file name in the left pane.
- View of file in browser.

### Problem Statement 1: News App

Write a javascript file to implement a news app by using the following api = **'https://inshorts.deta.dev/news?category=all'**. Also add a catch statement if any error is encountered while fetching the api.

### Output:-

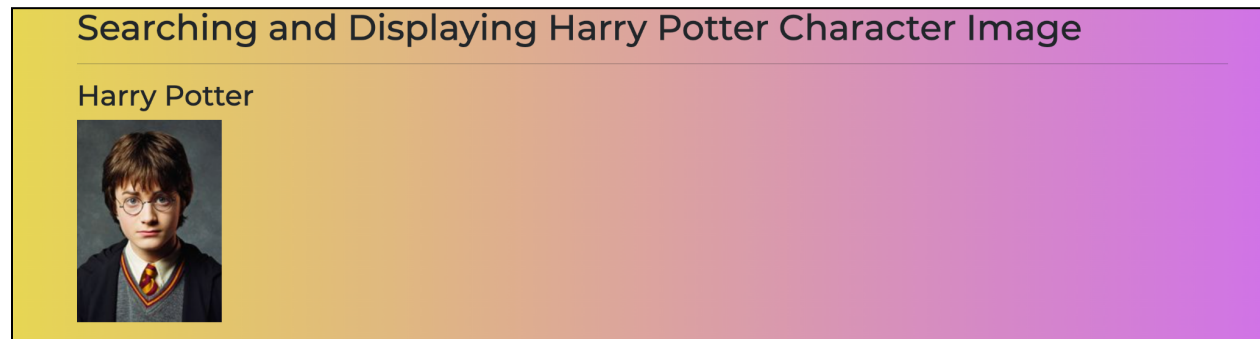
Fetching and Displaying News	
Swati Dubey	Three Congress party workers were injured after a scuffle reportedly broke out between two factions of the party at its headquarters in Chennai on Tuesday. The brawl allegedly took place over the appointments of party functionaries at the block level in the Tirunelveli district. A video of the incident showing police intervening to control the situation has also surfaced online.
Ridham Gambhir	Elon Musk sent an email to Twitter employees saying that they must commit to a new "hardcore" culture at Twitter, as per a report. The staff was asked to click 'yes' on a link to pledge themselves to the "new Twitter" and if they failed to do so by Thursday, they'll be fired with three months of severance pay.
Pragya Swastik	Amazon is likely to undertake a layoff exercise in India that could impact at least a few hundred jobs, The Economic Times reported citing people aware of the matter. "The layoffs might be relatively higher as compared to peers like Facebook-parent Meta and others," a person was quoted as saying. Amazon is reportedly laying off nearly 10,000 people worldwide.
Medhaa Gupta	PETA India has claimed that Joymala, the elephant from Assam which is in the custody of a temple in Tamil Nadu, is still in chains. It also shared a video purportedly showing wounds on the elephant's legs. Furthermore, PETA India claimed that the video released by Tamil Nadu government in September, that alleged Joymala is doing good, is "not true".
Amartya Sharma	'Drishyam 2' director Abhishek Pathak opened up about the debate on Bollywood making remakes and said that "frame to frame" remakes need to be avoided. He added, "Don't do frame to frame, because then what are you adding to it as a director?" 'Drishyam 2' is also a remake of the 2021 Malayalam film with the same title.

## Problem Statement 2: Harry Potter Character Name and Image

Write a javascript file to display the harry potter character image and name after taking the character's name as input from the user using the following

api = '<https://hp-api.herokuapp.com/api/characters/>' and also display any error message if the character is not found!

**Output:-**



## Solutions

### Problem Statement 1:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Promise and Error Handling - Practice Code</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.cs
s" rel="stylesheet"
integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9B
v1WTRi" crossorigin="anonymous">
  <style>
    body{
      height:100%;
      background-image: linear-gradient(to left, rgb(200, 215, 86),
rgb(231, 84, 145));
      font-family: "Montserrat","Helvetica Neue","sans-serif";
    }
  </style>
</head>
<body>
  <div class="container">
    <h1>Fetching and Displaying News</h1>
    <table id="table" class="table"></table>
  </div>
  <script>
    fetch('https://inshorts.deta.dev/news?category=all')
    .then(res => res.json())
    .then(json => {
      json=json.data;
      let table = document.getElementById('table');
      for (let i = 0; i < json.length; i++){
        let obj = json[i];
        console.log(obj);
        let row = document.createElement('tr');
        let author = document.createElement('td');
        let content = document.createElement('td');
        author.innerHTML=obj.author;
        content.innerHTML=obj.content;
        row.appendChild(author)
        row.appendChild(content)
        table.appendChild(row)
      }
      console.log(json);
    }).catch(error => console.log(error))
  </script>
</body>
</html>

```

## Problem Statement 2:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Promise and Error Handling - Practice Code</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.cs
s" rel="stylesheet"
integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9B
v1WTRi" crossorigin="anonymous">
  <style>
    body{
      height:100%;
      background-image: linear-gradient(to left, rgb(208, 113, 234),
rgb(231, 214, 84));
      font-family: "Montserrat","Helvetica Neue","sans-serif";
    }
  </style>
</head>
<body>
  <div class="container">
    <br>
    <h1>Searching and Displaying Harry Potter Character Image</h1>
    <hr>
    <h2 id="h2"></h2>
    <img id="image1"/>
    <table id="table" class="table"></table>
  </div>
  <script>
    let str=prompt('Input Your Harry Potter Character Name','Harry
Potter');
    let url='https://hp-api.herokuapp.com/api/characters/';
    fetch(url)
    .then(res => res.json())
    .then(json => {
      let val = json.find(o => o.name === str);
      console.log(val);
      let img = document.getElementById('image1');
      img.setAttribute('src',val.image);
      let h2 = document.getElementById('h2');
      h2.innerText = val.name;
    }).catch(error => console.log(error))
  </script>
</body>
</html>
```