**PROMISE TASK**

**HTML**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>API Data Display</title>

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="container mt-5">

<h1 class="mb-4">API Data Display</h1>

<div id="apiContent" class="row"></div>

</div>

<script src="https://app.zenclass.in/sheets/v1/js/zen/suite/bundle.js"></script>

<script src="script.js"></script>

</body>

</html>

**CSS**

body {

background-color: #f8f9fa;

}

h1 {

text-align: center;

}

.card {

margin: 15px;

}

**JAVASCRIPT**

document.addEventListener('DOMContentLoaded', () => {

const apiContent = document.getElementById('apiContent');

const apis = [

{ url: 'https://api.publicapis.org/entries', key: 'API List' },

{ url: 'https://dog.ceo/api/breeds/image/random', key: 'Random Dog Image' },

{ url: 'https://api.coindesk.com/v1/bpi/currentprice.json', key: 'Bitcoin Price' }

];

apis.forEach(api => {

fetchData(api.url, api.key);

});

function fetchData(url, key) {

fetch(url)

.then(response => response.json())

.then(data => displayData(data, key))

.catch(error => console.error('Error fetching data:', error));

}

function displayData(data, key) {

let content = '';

switch(key) {

case 'API List':

content = `<h3>${key}</h3><ul>`;

data.entries.slice(0, 5).forEach(api => {

content += `<li>${api.API} - ${api.Description}</li>`;

});

content += `</ul>`;

break;

case 'Random Dog Image':

content = `<h3>${key}</h3><img src="${data.message}" class="img-fluid" alt="Random Dog Image">`;

break;

case 'Bitcoin Price':

content = `<h3>${key}</h3><p>USD: ${data.bpi.USD.rate}</p>`;

break;

default:

content = '<p>Data not available</p>';

}

const card = document.createElement('div');

card.className = 'card col-md-4';

card.innerHTML = `<div class="card-body">${content}</div>`;

apiContent.appendChild(card);

}

});