

```
<!DOCTYPE html><html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport"
content="width=device-width, initial-
scale=1.0" />
  <title>Crypto Arbitrage Checker</title>
<style>
  body {
    font-family: Arial, sans-serif;
    background: #f4f4f4;
    padding: 20px;
  }
  h1 {
    text-align: center;
  }
  table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
    background: white;
```

```
}
th, td {
    padding: 12px;
    text-align: center;
    border: 1px solid #ddd;
}
th {
    background-color: #222;
    color: #fff;
}
.green {
    color: green;
}
.red {
    color: red;
}
</style>
</head>
<body>
    <h1>Crypto Arbitrage Checker</h1>
    <table id="arbitrage-table">
```

```
<thead>
  <tr>
    <th>Coin</th>
    <th>Binance</th>
    <th>Coinbase</th>
    <th>Kraken</th>
    <th>Max Diff %</th>
  </tr>
</thead>
<tbody>
  <!-- Dynamic content -->
</tbody>
</table> <script>
  const coins = ['bitcoin', 'ethereum',
'solana']; // add more if needed

  async function fetchPrices() {
    const table =
document.querySelector("#arbitrage-table
tbody");
    table.innerHTML = ";
```

```
for (let coin of coins) {  
  try {  
    const res = await fetch(`https://  
api.coingecko.com/api/v3/coins/${coin}/  
tickers`);  
    const data = await res.json();  
  
    const tickers = data.tickers.filter(t =>  
['Binance', 'Coinbase Pro',  
'Kraken'].includes(t.market.name));  
    const prices = {  
      Binance: tickers.find(t =>  
t.market.name ===  
'Binance')?.converted_last.usd || 'N/A',  
      Coinbase: tickers.find(t =>  
t.market.name === 'Coinbase  
Pro')?.converted_last.usd || 'N/A',  
      Kraken: tickers.find(t =>  
t.market.name ===  
'Kraken')?.converted_last.usd || 'N/A',  
    };  
  } catch (error) {  
    console.error(error);  
  }  
}
```

```
};
```

```
    const values =  
Object.values(prices).filter(p => typeof p  
=== 'number');  
    const max = Math.max(...values);  
    const min = Math.min(...values);  
    const diff = ((max - min) / min *  
100).toFixed(2);
```

```
    table.innerHTML += `  
      <tr>  
        <td>${coin.toUpperCase()}</td>  
        <td>${prices.Binance !== 'N/A' ? `$$  
{prices.Binance.toFixed(2)}` : 'N/A'}</td>  
        <td>${prices.Coinbase !== 'N/A' ? `$  
${prices.Coinbase.toFixed(2)}` : 'N/A'}</td>  
        <td>${prices.Kraken !== 'N/A' ? `$$  
{prices.Kraken.toFixed(2)}` : 'N/A'}</td>  
        <td class="${diff > 1 ? 'green' :  
'red'}">${diff}%</td>
```

```
        </tr>`;
    } catch (e) {
        console.error(`Error fetching $
{coin}:`, e);
    }
}
}
```

```
fetchPrices();
setInterval(fetchPrices, 10000); //
refresh every 10 sec
</script></body>
</html>
```