PRODUCT-LISTING (FAKESTORE API)

Html code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,initial-scale=1.0">
<title>Product Listing</title>
<link rel="stylesheet" href="main.css">
</head>
<body>
    <div class="container">
    <h1><i>Product listing</i></h1>
<div id="product-list" class="product-list"></div>
    </div>
    <script src="new.js"></script>
</body>
</html>
```

CSS code:

```css
body{
    font-family:Arial, Helvetica, sans-serif;
    background-color: #f4f4f4;
    margin:0;
    padding:0;
}


.container{
```

```css
    width:80%;
    margin:20px auto;
    background:#fff;
    padding:20px;
    border-radius:10px;
    box-shadow:0 0 10px rgba(0,0,0,0.1);
}

h1{
    text-align:center;
    color:#333;
}

#product-list {
    display: flex;
    flex-wrap: wrap;
    gap: 20px;
}

.product-item {
    border: 1px solid #ddd;
    border-radius: 8px;
    padding: 16px;
    background-color: #f9f9f9;
    display: flex;
    flex-direction: column;
    align-items: center;
    text-align: center;
```

```css
  width: 200px;
}
.product-item img {
  max-width: 100%;
  height: auto;
  border-radius: 8px;
}

.product-item h2 {
  font-size: 1.2em;
  margin: 10px 0;
}

.product-item p {
  font-size: 0.9em;
  color: #555;
  margin: 10px 0;
}

.product-item .price {
  font-size: 1.1em;
  font-weight: bold;
  margin: 10px 0;
}

.product-item button {
  padding: 10px 20px;
  font-size: 1em;
```

```css
    color: #fff;

    background-color: #007bff;

    border: none;

    border-radius: 5px;

    cursor: pointer;

}


.product-item button:hover {

    background-color: #0056b3;

}
```

Javascript code:
```javascript
document.addEventListener('DOMContentLoaded',() =>{

    const productList=document.getElementById('product-list');


    fetch('https://fakestoreapi.com/products')

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

    .then(products=>{

        products.forEach(product=>{

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

            productItem.classList.add('product-item');


            productItem.innerHTML=`

            <img src="${product.image}" alt="$product.title}">

            <h2>${product.title}</h2>

            <p>${product.description.substring(0, 100)}...</p>

            <div class="price">${product.price}</div>

            <button>Add to Cart</button>
```

```
        `;
        productList.appendChild(productItem);
      });
    })
    .catch(error=>console.error('Error fetching products:',error));
});
```

OUTPUT:

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