TASK : PRODUCT-LISTING (FAKESTORE API)

HTML:

```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="shop.css">
</head>
<body>
    <div class="container">
    <h1><i>Product Listing</i></h1>
<div id="product-list" class="product-list"></div>
    </div>
    <script src="shop.js"></script>
</body>
</html>
```

CSS:

```css
body{
    font-family:"Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;
    background-color: #fbf2ea;
    margin:0;
    padding:0;
}

.container{
    width:90%;
```

```css
    margin:20px auto;

    background:#faf7f7;

    padding:20px;

    border-radius:10px;

    box-shadow:0 0 10px rgba(0,0,0,0.1);

}


h1{

    text-align:center;

    color:#000000;

    font-family:"Papyrus;

}


#product-list {

    display: flex;

    flex-wrap: wrap;

    gap: 20px;

}


.product-item {

    border: 1px solid #323131;

    border-radius: 8px;

    padding: 16px;

    background-color: #f9f9f9;

    display: flex;

    flex-direction: column;

    align-items: center;

    text-align: center;

    width: 200px;

}
```

```css
.product-item img {
    max-width: 100%;
    height: 80px;
    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;
    color: #fff;
    background-color: #021325;
    border: none;
    border-radius: 5px;
```

```css
    cursor: pointer;

}


.product-item button:hover {

    background-color: #0056b3;

}
```

JAVASCRIPT:

```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: