Reading / Resources

- **Array** (MDN)

Homework

Given the array of objects below:

```javascript
const products = [
  { name: "Laptop", price: 1200, category: "Electronics" },
  { name: "Phone", price: 800, category: "Electronics" },
  { name: "Shirt", price: 20, category: "Clothing" },
  { name: "Shoes", price: 50, category: "Clothing" },
  { name: "Headphones", price: 100, category: "Electronics" },
  { name: "Hat", price: 15, category: "Clothing" },
];
```

1. Log the name of each product to the console using the `forEach()` method.

2. Create an array of product names using the `map()` method.

3. Create a new array with only the products that belong to the category "Electronics." using the `filter()` method.

4. Find the first product that costs less than $100 using the `find()` method.

5. Calculate the total price of all products using the `reduce()` method.