CODING CHALLENGES

Challenge 1: Analyzing Customer Reviews

Scenario: You are working for an online store that collects customer reviews. Each review is a string containing multiple sentences. Your task is to analyze these reviews to extract some useful statistics.

Task:

1. Given an array of review strings, split each review into sentences.
2. For each sentence, split it into words.
3. Create an array of words from all the reviews combined.
4. Calculate the following:
   1. Total number of words in all reviews.
   2. Average word length.
   3. An array of unique words.

Example Input:
```
const reviews = [
  "This product is amazing! I loved it.",
  "Good quality, but the packaging was poor.",
  "Will buy again. Excellent service and fast delivery."
];
```

Expected Output
```
{ totalWords: 21,
 averageWordLength: 4.33,
 uniqueWords: ["This", "product", "is", "amazing", "I", "loved",
"it", "Good", "quality", "but", "the", "packaging", "was", "poor",
"Will", "buy", "again", "Excellent", "service", "and", "fast",
"delivery"] }
```

Challenge 2: Processing Order Data

Scenario: You are managing a small online store and need to process orders to determine the total revenue and average order value.

Task:

1. Given an array of order strings, where each string contains the order ID and total price separated by a comma, split each string to extract the prices.
2. Convert these prices to numbers.
3. Calculate the total revenue and average order value.

Example Input:

```
const orders = [

  "ORD123, 59.99",
  "ORD124, 34.50",
  "ORD125, 75.00",
  "ORD126, 23.75"
];
```

Expected Output:{

```
  totalRevenue: 193.24,
  averageOrderValue: 48.31
}
```