

JavaScript Array Methods

You are given an array of orders made by users in an online store.

```
const orders = [
  { id: 1, user: "Ahmad", total: 120, items: ["Laptop", "Mouse"] },
  { id: 2, user: "Lina", total: 45, items: ["Notebook"] },
  { id: 3, user: "Omar", total: 300, items: ["Phone", "Headphones"] },
  { id: 4, user: "Sara", total: 75, items: ["Keyboard", "Mouse"] },
  { id: 5, user: "Yousef", total: 15, items: ["Pen"] },
];
```

Task

Write JavaScript code that produces a **new array** of orders that:

- Includes only orders with a **total greater than 50**
- Transforms each order to contain:
 - the user's name
 - the total amount
 - the number of items in the order
- Is ordered by **total amount from highest to lowest**
- Prints each user's name and total in the console in this format:

```
User: Sara | Total: 75
```

After that, write code that finds:

- The **first order** with a total greater than **200**
 - Whether there is **at least one order** with a total less than **20**
 - Whether **all orders** have at least one item
 - The **sum of all order totals**
-

```
[  
  { user: 'Omar', total: 300, itemCount: 2 },  
  { user: 'Ahmad', total: 120, itemCount: 2 },  
  { user: 'Sara', total: 75, itemCount: 2 }  
]  
User: Omar | Total: 300  
User: Ahmad | Total: 120  
User: Sara | Total: 75  
First order > 200: { user: 'Omar', total: 300, itemCount: 2 }  
Has order < 20: true  
All orders have items: true  
Total revenue: 555
```