

You are given an array of employee objects, but some employees may have incomplete salary details.

```
const employees = [  
  { name: 'John', salary: { basic: 20000, bonus: 5000 } },  
  { name: 'Alice', salary: { basic: 25000 } }, // No bonus field  
  { name: 'Bob' }, // No salary field  
  { name: 'Carol', salary: { basic: 30000, bonus: 10000 } }  
];
```

Task:

Write a function `getEmployeeSalary(employeeName)` that accepts the employee's name as an argument.

The function should:

- That accepts Employee Name as argument.
- Return the total salary (basic + bonus) of the employee.
- If the `bonus` is missing, consider it as 0.
- If `salary` details are missing, return: "Salary details not available for [employeeName]"
- If employee does not exist in the array, return: "Employee [employeeName] not found"

You are given an array of product objects with array-based categories.

```
const products = [  
    { name: 'Pen', categories: ['stationery', 'writing'] },  
    { name: 'Laptop', categories: ['electronics', 'computers'] },  
    { name: 'Chair', categories: [] },  
    { name: 'Water Bottle', categories: ['kitchen', 'storage'] }  
];
```

Task:

Write a function to:

- Return a new array of strings in the format:
"**<Product Name>: <Category1>, <Category2>**".
- If categories array is empty, return:
"**<Product Name>: No Categories**".

You are given an array of customer orders. Some orders may:

- Have empty item lists.
- Contain items with missing prices (assume price as ₹0 if missing).
- Contain items with missing quantities (assume quantity as 1 if missing).

```
const orders = [  
    { id: 1, items: [{ name: 'Pen', price: 10, quantity: 2 }, {  
        name: 'Notebook', price: 50 } ] },  
    { id: 2, items: [{ name: 'Bag', price: 700, quantity: 1 }, {  
        name: 'Bottle', price: 300, quantity: 2 } ] },  
    { id: 3, items: [{ name: 'Chair', price: 1500 } ] },  
    { id: 4, items: [] },  
    { id: 5, items: [{ name: 'Lamp', quantity: 3 } ] } // Missing  
    price  
];
```

Task:

Write a function `getHighValueOrders()` that filter all the orders and return an array where:

- The total cost of items is more than ₹1000.
- An item's missing price should be considered ₹0.
- An item's missing quantity should be considered as 1.
- Orders with no items should be safely ignored.
- The function should return an array of order IDs that satisfy the condition.

You are given an array of users:

```
const users = [
  { username: 'john_doe', isActive: true, logins: [ { date: '2025-06-20' }, { date: '2025-06-22' } ] },
  { username: 'alice_w', isActive: false, logins: [ { date: '2025-06-10' } ] },
  { username: 'bob99', isActive: true, logins: [] },
  { username: 'carol_smith', isActive: true, logins: [ { date: '2025-06-21' } ] }
];
```

Task:

Write a function to:

1. Filter only active users.
2. From those, map to usernames.
3. For each username, log in console:
 - If they have logged in at least once → "User: [username], Last Login: [last login date]"
 - If they have never logged in → "User: [username], No logins found"