Assignment of JavaScript

1. **Write a JavaScript program to delete all occurrences of an element 'num' in a given array.**
- Example: If `arr = [1,2,3,4,5,6,2,3]` and `num = 2`, the result should be `arr = [1,3,4,5,6,3]`.

2. **Write a JavaScript program to find the number of digits in a given number.**
- **Example: If `number = 287152`, the output should be `count = 6`.**

3. **Write a JavaScript program to find the sum of digits in a given number.**
- **Example: If `number = 287152`, the output should be `sum = 25`.**

4. **Write a JavaScript program to print the factorial of a number n.**
- **Factorial of a number n is the product of all positive integers less than or equal to n, denoted as n!.**
- **Examples:**
  - `7! = 1 × 2 × 3 × 4 × 5 × 6 × 7 = 5040`
  - `5! = 1 × 2 × 3 × 4 × 5 = 120`
  - `3! = 1 × 2 × 3 = 6`

○ `0!` is always `1`.

5. Write a JavaScript program to find the largest number in an array that contains only positive numbers.