Task1:

1. Create an array of 10 numbers (it can include both positive and negative values).
2. Use a **for loop** to iterate through the array and calculate the sum of all positive numbers.
3. Use `continue` to skip any negative values during the iteration.
4. Use `console.log()` to display:
    a. The sum of positive numbers.
    b. The sum of all numbers in the array (including both positive and negative).
5. Finally, modify the array by adding a new number at the end, and remove the first element using the

Task2:

1. Create an object representing a **student** with the following properties:
    a. **name** (String).
    b. **age** (Number).
    c. **grade** (String).
    d. **isGraduated** (Boolean).
2. Display the **student's name** and **age** using `console.log()`.
3. Change the **grade** of the student to a new value (e.g., "A").
4. Use the `Object.keys()` method to display all the properties of the object.
5. Use the `Object.values()` method to display all the values of the object.
6. Add a new property called **email** to the object and set it to an email address.
7. Use the `delete` keyword to remove the **isGraduated** property from the object and display the updated object

Task3:

Create a simple application to manage student information using **arrays** and **objects**. This application should perform the following tasks:

1. **Create an array of students**.
    a. Each student should be an object with the following properties:
        i. **name** (String): Student's name.
        ii. **age** (Number): Student's age.
        iii. **grade** (String): Student's grade.
        iv. **isGraduated** (Boolean): Whether the student has graduated or not.
2. **Calculate the average age** of all the students in the array using a `for loop`.

      a. Calculate the number of students who have graduated (where `isGraduated` = `true`).

      b. Calculate the number of students who have not graduated (where `isGraduated` = `false`).

3. **Use the `Object.keys()` and `Object.values()` methods**:

      a. Display `Object.keys()` for each student.

      b. Display `Object.values()` for each student.

4. **Add a new student to the array**.

      a. Add a new student object to the array.

      b. Add a new property called `email` to the new student object and set it to an email address.

5. **Delete the `isGraduated` property** from all students using the `delete` keyword and display the updated student objects.

6. **Display the following information** :

      a. **Student names**.

      b. **Average age**.

      c. **Number of graduated and non-graduated students**.