**Task 1: Variable Declaration and Data Types**

* Declare a variable name and assign your full name to it (data type: string).
* Declare a variable age and assign your age to it (data type: number).
* Declare a variable isStudent and assign a boolean value true (data type: boolean).
* Declare a variable address and assign null to it (data type: null).
* Print all the values of these variables to the console using console.log().

**Task 2: Working with Objects**

* Create an object person with the following properties:
  + firstName (string)
  + lastName (string)
  + age (number)
  + isStudent (boolean)
* Access and print each of the properties of the person object using console.log().

**Task 3: Using Object Methods**

* Create an object book with the following properties:
  + title (string)
  + author (string)
  + year (number)
  + getDetails() (a method that returns a string containing the book’s title, author, and publication year).
* Call the getDetails() method and print the result to the console.

**Task 4: Modifying Object Properties and Methods**

* Create an object car with properties:
  + brand (string)
  + model (string)
  + year (number)
  + mileage (number)
  + updateMileage() (a method that accepts a new mileage and updates the mileage property).
* Initially set the mileage to 20000.
* Call the updateMileage() method with a new value and print the updated mileage to the console.

**Task 5: Nested Objects and Accessing Properties**

* Create an object student with the following properties:
  + name (string)
  + age (number)
  + courses (array of strings, e.g., ["Math", "Science", "History"])
  + address (object with properties street (string) and city (string)).
* Access and print the student's name, age, and courses. Then, print the street and city from the address object.

**Task 6: Object Method with Parameters**

* Create an object circle with the following properties:
  + radius (number)
  + getArea() (method that calculates and returns the area of the circle. Use the formula π \* radius^2).
* Set the radius to any value you choose.
* Call the getArea() method and print the result to the console.