

1. Age Check: Write an `if-else` statement to check if a person is 18 years old or older. Print "Adult" if true, otherwise "Not an adult."

2. Temperature Range Check: Write an `if-else` statement to check if a temperature is between 15 and 25 degrees Celsius. Print "Comfortable" if true, otherwise "Uncomfortable."

3. Time Calculation: Suppose your distance to the office from home is 25 km, and you travel at 40 km per hour. Write a program to calculate the time taken to reach the office in minutes.

Formula: $\text{(distance)} / \text{(speed)}$

4. Print Numbers: Write a JS program to print numbers from 1 to 100 but skip the number 41.

5. Greeting Function: Create a function called `greet` that takes a name as an argument and prints a greeting message. For example, `greet("John")` should print "Hello, John".

6. Addition Function: Write a function in JS named `add` that takes two numbers as arguments and returns their sum.

7. Max Number Function: Write a function in JS called `maxNumber` that takes three numbers as arguments and returns the largest number.

8. Double Values with `map`: Given an array of numbers, write a function `doubleValues` that uses `map` to return a new array with all values doubled.

9. Filter Adults: Write a function `filterAdults` that takes an array of objects representing people (with properties `name` and `age`) and uses `filter` to return an array of people who are 18 or older.

10. Count Occurrences with `reduce`: Create a function `countOccurrences` that takes an array of strings and returns an object where each key is a string from the array, and the value is the number of times that string appeared in the array.

11. Print Array Elements with `forEach`: Write a function `printArrayElements` that uses `forEach` to print each element of an array.

12. Find Shortest String: Given an array of strings, write a function `findShortestString` that returns the shortest string in the array.

13. Sum Array with `reduce`: Create a function `sumArray` that takes an array of numbers and returns the sum of all the numbers using the `reduce` method.

14. Reverse String: Given a string, write a function `reverseString` that returns the string in reverse order.

15. Count Vowels: Write a function `countVowels` that takes a string as input and returns the number of vowels (`a, e, i, o, u`) in the string.