

JavaScript Assignment: Easy Questions on Functions, Operators, and Conditional Statements

1. Basic Function:

Write a function named `sayHello` that takes no parameters and returns the string "Hello, World!".

2. Function with Parameters:

Create a function `doubleNumber` that takes a number as an argument and returns the number multiplied by 2.

3. Simple Return Function:

Write a function `addTwoNumbers` that accepts two numbers as arguments and returns their sum.

4. Arrow Function:

Convert the `doubleNumber` function from question 2 into an arrow function.

5. Arithmetic Operator:

Create a function `subtractTen` that takes a number as an argument and returns the result of subtracting 10 from it.

6. Comparison Operator:

Write a function `isGreaterThanFive` that takes a number as an argument and returns `true` if the number is greater than 5, otherwise `false`.

7. Logical Operator:

Write a function `isBetweenOneAndTen` that takes a number as an argument and returns `true` if the number is between 1 and 10 (inclusive), otherwise `false`.

8. If-Else Statement:

Write a function `isEven` that takes a number as an argument and returns "Even" if the number is even, and "Odd" if the number is odd.

9. Ternary Operator:

Write a function `checkAge` that takes an age as an argument and returns "Adult" if the age is 18 or above, and "Minor" if the age is below 18. Implement this using the ternary operator.

10. Switch Statement:

Create a function `getDayType` that takes a number (1-7) as an argument and returns:

- "Weekend" if the number is 6 (Saturday) or 7 (Sunday),
- "Weekday" if the number is between 1 and 5.

Use a `switch` statement to implement this logic.