**Assignment On Functios And Conditional Statements**

1. Write a function greet() that prints "Hello, welcome to JavaScript!" and call it.
2. Create a function calculateArea(length, width) that returns the area of a rectangle.
3. Write a function isEven(num) that returns true if the number is even, else false.
4. Create a function factorial(n) that returns the factorial of a given number.
5. Create a function isPrime(num) that checks if a number is prime.
6. Write a function expression greetUser that takes a name and logs "Hello, <name>".
7. Create a function expression square that returns the square of a number.
8. Define a function expression that calculates the sum of digits of a number.
9. Write a function expression reverseString that returns the reversed string.
10. Define a function expression isPalindrome to check if a string is a palindrome.
11. Create an arrow function addNumbers that takes two parameters and returns their sum.
12. Create an arrow function findMax that returns the maximum of three numbers.
13. Write an arrow function isVowel that returns true if a character is a vowel.
14. Write an arrow function fibonacci(n) that returns the first n numbers of the Fibonacci sequence.
15. Create an array of user objects and sort them by username using arrow function and .sort().
16. Write a function checkEligibility(age) using if-else to determine if a person can vote (age ≥ 18).
17. Create a function grade(marks) that returns a grade (A, B, C, etc.) based on marks using else if.
18. Write a function getDayName(dayNumber) using a switch to return the name of the day (1 = Monday, ... 7 = Sunday).
19. Write a function isLeapYear(year) that uses conditional logic to check for leap year.
20. Create a function calculateBill(units) to calculate electricity bill based on slab rates:
    * Up to 100 units: ₹5/unit
    * 101-200: ₹6/unit
    * 201+: ₹7/unit