**Assignment on Functions :**

1. Write a function declaration named calculateSum that takes two numbers as parameters and returns their sum.

2. Create a function expression named concatStrings that takes two string parameters and returns their concatenation.

3. Write a funtion to check number is even or Odd

4. write a function to check number is PrimeNumber or Not

5.Create a function expression named getDayName that takes a number (1-7) as a parameter and returns the corresponding day of the week (1 for Monday, 7 for Sunday).

6. Write an arrow function named max that takes two numbers as parameters and returns the greater of the two using the ternary operator.

7. Write a function declaration named convertTemperature that takes a temperature value and a unit ('C' for Celsius, 'F' for Fahrenheit).

If the unit is 'C', convert the temperature to Fahrenheit, and

if the unit is 'F', convert it to Celsius. Use if-else statements to handle the conversion.

Formula: Celsius to Fahrenheit: (C×59​)+32  Fahrenheit to Celsius: (F−32)×95

8. Write a function declaration named calculateArea that takes two parameters: shape and dimension.

If the shape is "circle", the dimension represents the radius and the function should return the area of the circle.

If the shape is "square", the dimension represents the side length and the function should return the area of the square. Use switch case to handle the different shapes.

* Area of a circle: π×radius2
* Area of a square: side×side

​9. Create a function expression named formatCurrency that ta

kes two parameters: amount and currency. Return a string that formats the amount with the currency symbol (e.g., "$100" or "€100").

10. Write a function declaration named calculateBMI that takes two parameters: weight (in kilograms) and height (in meters). The function should return the Body Mass Index (BMI) calculated using the formula: BMI=height2weight

11. Create a function expression named calculateCompoundInterest that takes three parameters: principal (the initial amount of money), rate (annual interest rate as a decimal), and time (number of years). The function should return the compound interest calculated using the formula:  InterestCompound Interest=principal×(1+rate)time

12. Write an arrow function named calculateTriangleArea that takes two parameters: base and height. The function should return the area of the triangle calculated using the formula: Area=21​×base×height

13.Write a function declaration named simpleCalculator that takes three parameters: num1, num2, and operator ('+', '-', '\*', '/'). The function should perform the corresponding arithmetic operation and return the result using a switch case.

14. Create a function expression named findLargest that takes three numbers as parameters and returns the largest of the three using if-else statements.

15. Write a function to write largest of 4 numbers.​