**Functions**

1. Write a function to **check if a number is prime or not**, and use it in a program where a user enters multiple numbers.
2. Create a function calculateArea() that returns the area of either a circle, rectangle, or triangle based on user’s choice.
3. A bank wants a function to **compute simple interest** (SI = (P × R × T)/100) and display results for different customers.
4. Create a function to check if a string is a **palindrome**.
5. Write a function isArmstrong() to check whether a number is Armstrong (e.g., 153).
6. Create a function that takes an array of integers and returns the **sum of even numbers**.
7. Write a program where one function calculates **compound interest**, another displays the result.
8. Create a function findMax() that takes three numbers and returns the largest.
9. Write a function to calculate the **Greatest Common Divisor (GCD)** of two numbers.
10. Write a function toUpperCase() that converts a string into uppercase letters.
11. Write a function to calculate and return the **sum of digits** of a number.
12. Write a function to check if a given year is a **leap year**.
13. Write a function to find and return the **nth Fibonacci number**.