

TASK ALLOCATION

JAVA DEVELOPER

Task 1 : Create a Number Guessing Game

Develop a Java console-based number guessing game where the computer selects a random number within a specified range. Players must guess the number within a limited number of attempts. The game provides feedback on each guess (too high, too low) and ends when the player guesses correctly or exceeds the attempt limit.

Task 2 : Create a Calculator

Create a Java console-based calculator application capable of performing basic arithmetic operations such as addition, subtraction, multiplication, and division. Users input two numbers and select an operation, and the calculator displays the result. The application should handle invalid inputs and division by zero gracefully.

Task 3 : Design a Temperature Converter

Build a Java console-based temperature converter that converts between Celsius, Fahrenheit, and Kelvin scales. Users input a temperature value along with the source and target temperature scales, and the converter displays the converted temperature. Ensure the application handles invalid inputs and provides accurate conversions between the scales.