**Problem Set – 2**

1. Write a program to find the area of a triangle.
2. Write a program to find simple interests.
3. Write a program to implement a command line calculator. (Try to Add sub Mul in the same program for 2 digits.)

(Hint: Integer.parseInt will be used)

For e.g. java calc 20 + 30

Output should be Sum of 20 and 30 is 50

java calc 50 \* 30

Output should be Product of 50 and 30 is 1500

1. Write a Java program to check whether a given number is positive, negative, or zero using an if-else statement.
2. Create a program that accepts three integers and determines the greatest among them using nested if-else statements.
3. Create a program that accepts a number (1–7) and displays the corresponding day of the week using a switch statement.

Additional Question:

1. Write a program to calculate the final grade of a student based on the marks entered in three subjects. Use the following grading scale:

Average >= 90: Grade A

Average >= 75: Grade B

Average >= 50: Grade C

Otherwise: Grade F

1. Write a program to Take input as DD MM YYYY(04 08 2021) in the command line and calculate the number of days since 1 January 1970.