

# Exercise 1

1. Write a Java program to convert temperature from Fahrenheit to Celsius degree.

Test Data

Input a degree in Fahrenheit: 212

Expected Output:

212.0 degree Fahrenheit is equal to 100.0 in Celsius

2. Write a Java program to convert minutes into a number of years and days.

Test Data

Input the number of minutes: 3456789

Expected Output :

3456789 minutes is approximately 6 years and 210 days

3. Write a Java program to compute body mass index (BMI).

Test Data

Input weight in pounds: 452

Input height in inches: 72

Expected Output:

Body Mass Index is 61.30159143458721

4. Write a Java program to break an integer into a sequence of individual digits

Test Data

Input six non-negative digits: 123456

Expected Output :

1 2 3 4 5 6

5. Write a Java program that accepts two integers from the user and then prints the sum, the difference, the product, the average, the distance (the difference between integer), the maximum (the larger of the two integers), the minimum (smaller of the two integers).

Test Data

Input 1st integer: 25

Input 2nd integer: 5

Expected Output :

Sum of two integers: 30

Difference of two integers: 20

Product of two integers: 125

Average of two integers: 15.00

Distance of two integers: 20

Max integer: 25

Min integer: 5