

Lab Assignment 5 Miscellaneous Questions:

Note: All the programs should be written as a separate method in a different class. Class which has a main method should only be used to call these functions

1. Write a Java program to swap two variables

Test Data: a= 10, b=15

2. Write a Java program to swap two variables without using third variable

Test Data: a= 10, b=15

3. Write a Java program that uses an integer between 0 and 1000 and adds all the digits in the integer.

Test Data: 777

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

Test Data: Input the number of minutes: 987654

5. Write a Java program that reads a number in inches, converts it to meters. **Note:** One inch is 0.0254 meter.

Test Data Input a value for inch: 1000

6. Write a Java program to convert temperature from Fahrenheit to Celsius degree and vice-versa.

Note: $C = (F - 32) / 9$

$F = (9C + (32 * 5)) / 5$

Test Data: Input a degree in Fahrenheit: 222