

Lab Sheet 02

Instructions

- Create a folder in the desktop (i.e. UWU_CST_21XXX) to save your source code files.
 - Zip the main folder and upload it to the given link in the VLE course page each week.
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1. Write a Java to input the width and the height of a rectangle and find and display its area.
2. Write a Java program to input three numbers and find and display the average.
3. Write a Java program to convert a length given in kilometers to meters.
4. Write a Java program to calculate the square of a given number.
5. Write a Java program to input two numbers and swap and display numbers.
6. Write a Java a program to input a two digit number and calculate and display the followings;
 - a. Addition of the two digits
 - b. Subtraction of the two digits
 - c. Division of the two digits
 - d. Multiplication of the two digits
 - e. Remainder of the two digits
 - f. Larger digit
 - g. Smaller digit
 - h. Reverse of the entered number
7. Write a Java program to input temperature in Celsius and display its value in Fahrenheit. Use the formula; $F = (9/5) * C + 32$
8. Write a Java program to convert a given number of seconds into hours, minutes and seconds. For example if 3860 seconds are given, the output must be:

Hours	1
Minutes	4
Seconds	20