Programming Fundamentals Lab

Lab Task # 05

Variables and Arithmetic Operators

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Course Code: CL1002

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Task 1:

Write a program that calculates the BMI and prints the result in float (upto 3 decimal places) on screen.

Formula: BMI=kg/m^2

Task 2:

Write a program that reverses an integer and print on screen.

Note: Use modulus % and

division /

Eg:

123 is your integer.

Output: 321

Task 3:

Write a program that exchanges the value of two variables.

Eg: a=2, b=3

Output should be:

a=3, b=2

Note: Use a third variable approach

Task 4:

Write a program that converts seconds into minutes, hours and days and prints the result on screen in HH:MM:SS format.

Eg: seconds = 5000

Output: 1 hour, 23 minutes and 20 seconds.

Submission:

Submit all 4 .c files in google classroom by properly renaming the files as:

Your_name_task_1.c

Your_name_task_2.c

Your_name_task_3.c

Your_name_task_4.c