CPE100 Computer Programming for Engineers

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Objective

This exercise will allow you to practice coding C language, one of the most important foundation computer languages, in Variable and Data type topics. This exercise focus on gaining basic knowledge of how variable in C works for further coding in a later class.Output Square root of the input number

Instructions

1) Write C program to "Output integer number from float input number"

2) Write C program to "Output the height of a rock, where it drop to the ground by specifying a time it hit the ground"

*** Assume g = 10 and initial velocity = 0

*** Hint : v= u+at , s= (u+v)/2 * t

3) Write C program to "Output cube number from input number"

4) Write C program to "Output alphabet from number input"

*** Assume program only take number from 65 to 90

5) Write C program to "Output product number (only 2 decimal digit) from 2 input number"

*** Hint : Use %.xlf while x stand for number of digit of decimal number

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6) Write C program to "Output upper case alphabet from lower alphabet input"

*** Hint: Check ASCII table

7) Write C program to Output Quotient and Remainder from 2 input number"

*** Hint : use % as modulo, modulo stands for getting remainder result from divided answer.

*** More information about modulo : https://www.geeksforgeeks.org/modulo-operator-in-c-cpp-with-examples/