

Practice Lab Assignment 2

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For this Practice Lab Assignment, you will write programs in C, **making use of various arithmetic operators.**

Do not use arrays and any other concept that has not been yet taught in the class.

Instructions

- There are 10 questions in this assignment.
- Any discussion with neighbor/or any other student is strictly not allowed.
- Mobile phones are not allowed. If found, disciplinary action may be taken.

Due Date: This is only a Practice Lab so no submission is required.

Grading Criteria

No Grading Criteria.

Programming Questions

1. Write a program to read 10 integers. Display these numbers by printing three numbers in a line separated by commas.
2. WAP to enter the temperature of a city in Fahrenheit Degree and convert it into Centigrade Degrees.
3. WAP to print the ASCII value of a character that is being entered by the user.
4. WAP to print the digit at one's place in any number entered by the user.
5. WAP that displays the size of every data type (int, long int, unsigned int, float, double, long double, char).
6. Write a program to read a character in upper case and then print it in lower case.

7. Write a program to calculate the sum of all the digits in a number. A number must be a five-digit number only.

For Example: If input number = 12345

Output: 15

8. If a four-digit number is input through the keyboard, write a program to obtain the sum of the first and last digit of this number.
9. If the total selling price of 15 items and the total profit earned on them is input through the keyboard, write a program to find the cost price of one item.
10. The distance between two cities (in km.) is input through the keyboard. Write a program to convert and print this distance in meters, feet, inches and centimeters.