

1. Write a program which accepts two Values and mathematical operator (Using Switch Statement).
For example: If user input as 5, 6 and +
Output should be 11
But if user input invalid operator say #
Output should be this message "Invalid operation"
2. Write a program to calculate area of any shape depending on the number entered by user. (Using Switch Statement)
3. Write a program that prompts the user to enter an integer number N. The program then displays a horizontal line that is N characters long.
For example: N = 5 produces - - - - -
4. Write program that computes x^y and y^x .
5. Write a program that prompt the user to enter an integer number C. The program then displays the multiplication table of C, from 1 to 12.
For example: for C = 4, the program outputs:
$$\begin{array}{l} 1 \times 4 = 4 \\ 2 \times 4 = 8 \\ 3 \times 4 = 12 \\ \dots \\ 12 \times 4 = 48 \end{array}$$
6. Write a program to enter the numbers till the user wants and at the end it should display the count of positive, negative and zeros entered.
7. Write a program that asks the user to enter seven integer numbers. While the user is inputting the numbers, the program keeps track of the highest number entered, and their sum. Finally, the program outputs the highest number, their sum and average.

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