

CALC.C

This program is used to convert any input entered by the user in the form of decimal, hexadecimal, octal or binary and convert them into the output desired by the user. Converting any given data into its hexadecimal form, performing logical operation is more convenient than any other method/logic. Using the computed hexadecimal data and converting it back again into the form desired by the output is performed by functions such as: toHexChar, HexToInt. Other functions such as sum, prod and diff perform the actual arithmetic operations which the program needs to perform. The function fromDec is used to convert the input from base 10 to desired base. It also uses reverse function to flip the bits. This program also considers the error inputs and acts according to them in the main function. As the format.c program, this program also clears the memory which was previously occupied by the input.