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**Command line calculator In C**

#### Problem Statement:-

You have to create a command-line utility to add/subtract/divide/multiply two numbers. The first command-line argument of your c program must be the operation. The next arguments being the two numbers.

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

int main(int argc, char \*argv[])

{

    char \*operation;

    int n1, n2;

    operation = argv[1]; // substituion of argv string format

    n1 = atoi(argv[2]);  //atoi is for converting the int into string

    n2 = atoi(argv[3]);

    // Displaying the inputs in terminal as we make main's body variables Equal to the argv elements.

    printf("Operation is: %s \n", operation);

    printf("N1 is: %d\n", n1);

    printf("N2 is: %d\n", n2);

    //amking the operations

    if (strcmp(operation, "add") == 0)

    {

        printf("Addition is: %d\n", n1 + n2);

    }

    else if (strcmp(operation, "subb") == 0)

    {

        printf("Subtaction is: %d\n", n1 - n2);

    }

    else if (strcmp(operation, "multiply") == 0)

    {

        printf("Multiplication is: %d\n", n1 \* n2);

    }

    else if (strcmp(operation, "divide") == 0)

    {

        printf("Dividation is: %d\n", n1 / n2);

    }

    return 0;

}

**Output:**

PS C:\Users\Aamaan Satvilkar\Desktop\C cource> .\CmdLineCalcCnt54.exe add 2 4

Operation is: add

N1 is: 2

N2 is: 4

Addition is: 6

PS C:\Users\Aamaan Satvilkar\Desktop\C cource> .\CmdLineCalcCnt54.exe subb 4 6

N1 is: 4

N2 is: 6

Subtaction is: -2

PS C:\Users\Aamaan Satvilkar\Desktop\C cource> .\CmdLineCalcCnt54.exe multiply 3 2

Operation is: multiply

N1 is: 3

N2 is: 2

Multiplication is: 6

PS C:\Users\Aamaan Satvilkar\Desktop\C cource> .\CmdLineCalcCnt54.exe divide 4 2

Operation is: divide

N1 is: 4

N2 is: 2

Dividation is: 2