Getting multiple Inputs from User

```c
#include<stdio.h>

int main()

{

  double x[3];

  char op[3];

  printf("Enter three integers, separated by spaces: ");

  scanf("%lf %lf %lf", &x[0], &x[1], &x[2]);

  printf("You entered %lf, %lf, and %lf,\n", x[0], x[1], x[2]);

  printf("Enter the operators('+,-,*'),saperated by spaces:");

  scanf("%c %c %c", &op[1],&op[2],&op[3]);

      switch (op[3]) {

    case '+':

        printf("%.1lf + %.1lf + %.1lf = %.1lf", x[0], x[1], x[2],x[0]+x[1]+x[2]);

        break;

    case '-':

        printf("%.1lf - %.1lf - %.1lf = %.1lf ",x[0],x[1],x[2],x[0] - x[1] - x[2]);

        break;

    case '*':

        printf("%.1lf * %.1lf * %.1lf = %.1lf", x[0],x[1],x[2], x[0]*x[1]*x[2]);

        break;

        // operator doesn't match any case constant

    default:

        printf("Error! operator is not correct");

  }

  return 0;

  }
```

Output

Enter three integers, separated by spaces: 1 22 54

You entered 1.000000, 22.000000, and 54.000000

Enter the operators('+,-,*'),saperated by spaces: + + +

1.0+22.0+54.0= 77.0