```c
#include <stdio.h>

#define ADD(a, b) (a + b)
#define SUB(a, b) (a - b)
#define MUL(a, b) (a * b)
#define DIV(a, b) ((b != 0) ? (a / b) : 0)

int main() {
    int x, y;

    printf("Enter two numbers: ");
    scanf("%d %d", &x, &y);

    printf("Addition = %d\n", ADD(x, y));
    printf("Subtraction = %d\n", SUB(x, y));
    printf("Multiplication = %d\n", MUL(x, y));
    printf("Division = %d\n", DIV(x, y));

    return 0;
}
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE   PORTS

```
PS C:\Users\abiga\OneDrive\Desktop\Absproj> cd "c:\Users\abiga\OneDrive\Desktop\Absproj\" ; i
Enter two numbers: 5 4
Addition = 9
Subtraction = 1
Multiplication = 20
Division = 1
PS C:\Users\abiga\OneDrive\Desktop\Absproj> 
```

Experiment 13 :

Macros in C

```c
# include <stdio.h>
# define ADD (a,b) (a+b)
# define SUB (a,b) (a-b)
# define MUL (a,b) (a*b)
# define DIV (a,b)    ( (b! = 0) ?  (a/b): 0)

int main () {
    int x, y;
    printf ("Enter two numbers: ");
    scanf ("%d %d", &x &y);
    printf ("Addition = %d \n", ADD (x,y) );
    printf ("Subtraction = %d \n", SUB (x,y));
    printf ("Multiplication = %d\n" MUL (x,y));
    printf (" Division = %d \n", DIV (x,y));
    return 0;
}
```