

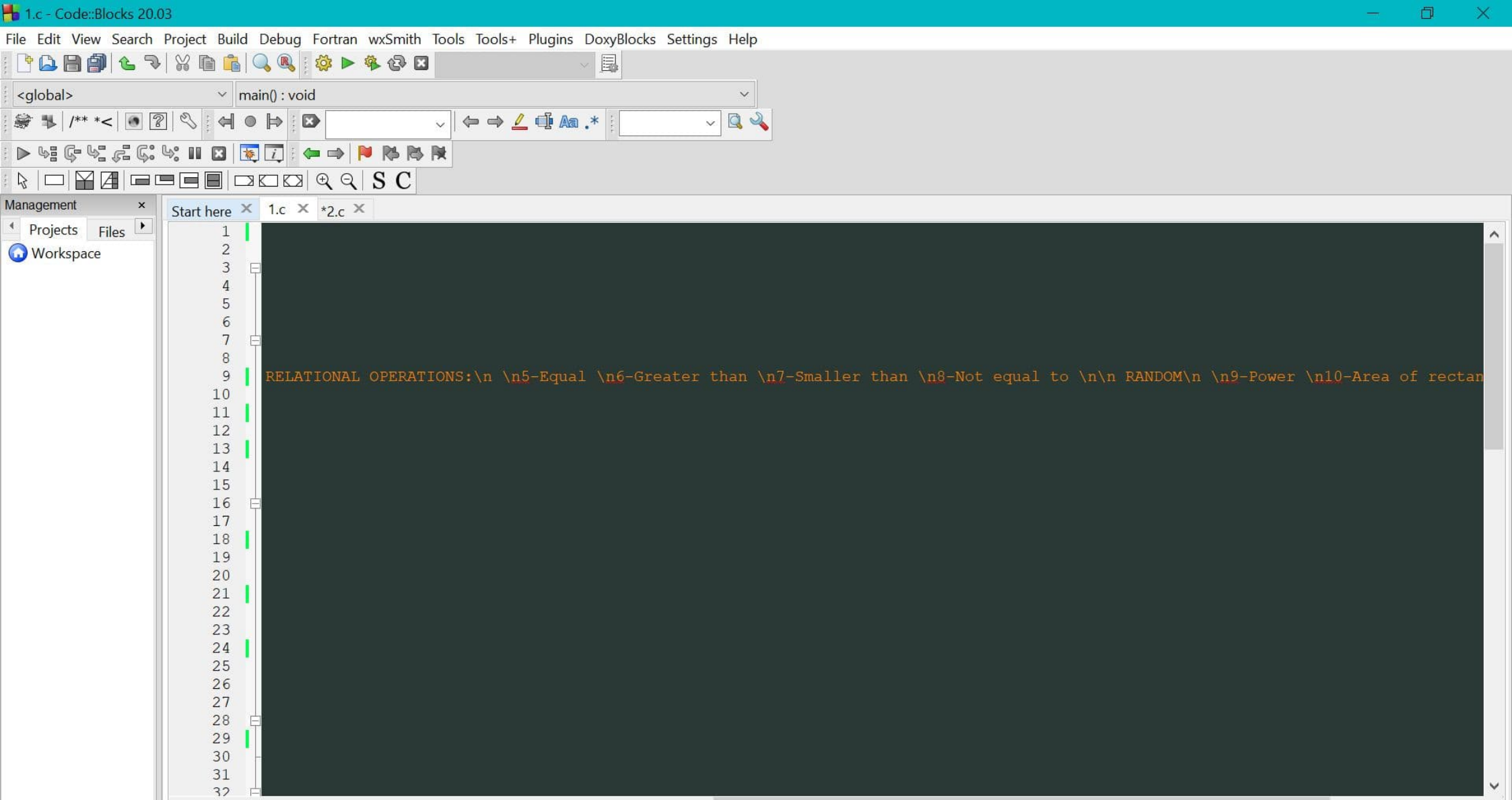
Management

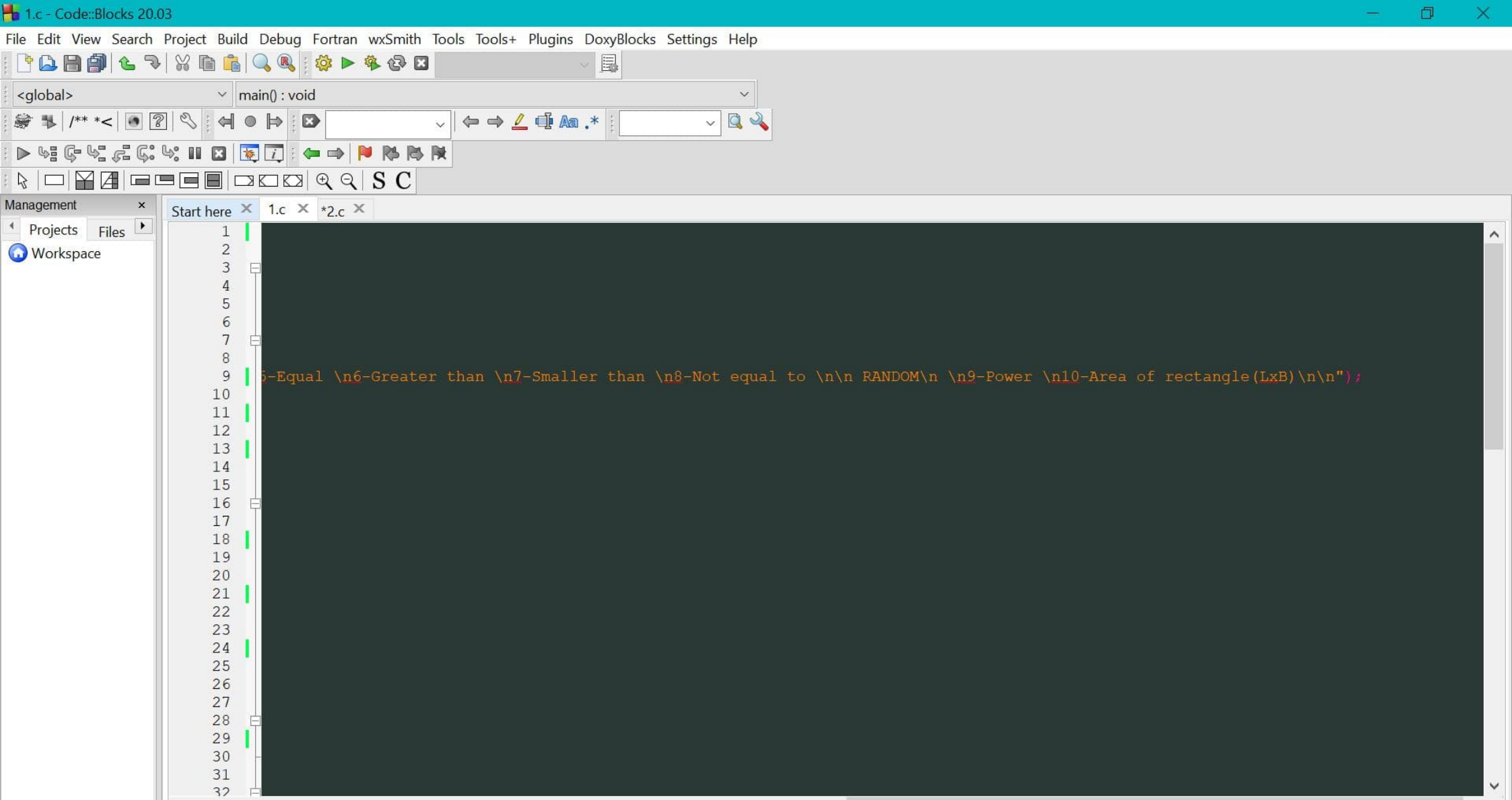
Projects Files

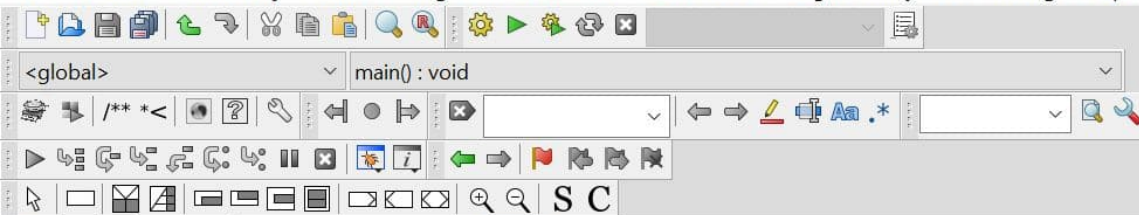
Workspace

Start here x 1.c x \*2.c x

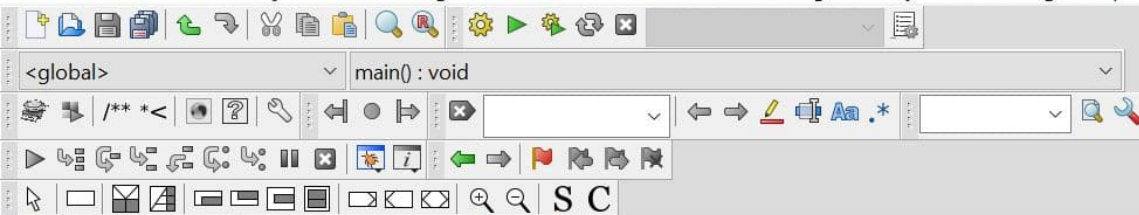
```
1 | #include<stdio.h>
2 | void main()
3 | {
4 |     int num1,num2,opt;
5 |     char ch;
6 |     do
7 |     (
8 |         printf("\n What's on your mind:\n");
9 |         printf(" ARITHMETIC OPERATIONS: \n\n 1-Addition \n2-Substraction \n3-Multiplication \n4-Division \n\n RELATIONAL OPERATIO
10 |         scanf("%d",&opt);
11 |         printf("Enter the first Integer:");
12 |         scanf("%d",&num1);
13 |         printf("Enter the second Integer:");
14 |         scanf("%d",&num2);
15 |         switch(opt)
16 |         {
17 |             case 1:
18 |                 printf("Addition of  %d and %d is %d\n",num1,num2,num1+num2);
19 |                 break;
20 |             case 2:
21 |                 printf("Substraction of %d  and %d is %d\n",num1,num2,num1-num2);
22 |                 break;
23 |             case 3:
24 |                 printf("Multiplication of %d  and %d is %d\n",num1,num2,num1*num2);
25 |                 break;
26 |             case 4:
27 |                 if(num2==0)
28 |                 {
29 |                     printf("The second integer is zero. Not possible\n");
30 |                 }
31 |                 else
32 |                 {
```





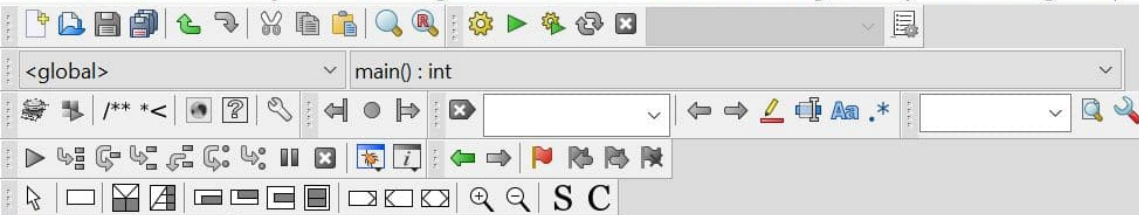


```
19         break;
20     case 2:
21         printf("Subtraction of %d and %d is %d\n", num1, num2, num1-num2);
22         break;
23     case 3:
24         printf("Multiplication of %d and %d is %d\n", num1, num2, num1*num2);
25         break;
26     case 4:
27         if(num2==0)
28         {
29             printf("The second integer is zero. Not possible\n");
30         }
31         else
32         {
33             printf("Division of %d and %d is %d\n", num1, num2, num1/num2);
34         }
35         break;
36     case 5:
37         if(num1==num2)
38             printf("Both the numbers are equal\n");
39         else
40             printf("Both number are not equal\n");
41         break;
42     case 6:
43         if(num1>num2)
44             printf("%d is greater than %d\n", num1, num2);
45         else if(num2>num1)
46             printf("%d is greater than %d\n", num2, num1);
47         else if(num1==num2)
48             printf("both are equal\n");
49         break;
50     case 7:
```



```
Start here x 1.c x *2.c x
49         break;
50     case 7:
51         if(num1<num2)
52             printf("%d is smaller than %d\n",num1,num2);
53         else if(num2<num1)
54             printf("%d is smaller than %d\n",num2,num1);
55         else if(num1==num2)
56             printf("both are equal\n");
57         break;
58     case 8:
59         if(num1!= num2)
60             printf("Both the numbers are Not equal\n");
61         else
62             printf("Both number are equal\n");
63         break;
64     case 9:
65         printf("The %d raised to the power of %d is %f\n",num1,num2,pow(num1,num2));
66         break;
67     case 10:
68         printf("Area of rectangle with length %d and breadth %d is %d\n",num1,num2,num1*num2);
69         break;
70     default:
71         printf("Input correct option\n");
72         break;
73     }
74     printf ("\nDo you want to repeat the operation Y/N:\n ");
75     scanf (" %c", &ch);
76 }
77 while (ch == 'y' || ch == 'Y');
78 }
79
80
```





Management x

Start here x 1.c x 2.c x

Projects Files

Workspace

```
1 #include<stdio.h>
2 int sumaver(int num1,int num2)
3 {
4     float sum =0,avg;
5     sum = num1+num2;
6     avg = sum/2;
7     printf("\nsum of two numbers: %f \n",sum);
8     return avg;
9 }
10 int printeven(int num3,int num4)
11 {
12     int k=num3+1;
13     printf("\nEven numbers: ");
14     while(k<num4)
15     {
16         if(k%2==0)
17             printf("%d \t",k);
18         ++k;
19     }
20 }
21 int main()
22 {
23     int num[3],i,j,temp,s,p;
24     printf("Enter three number separated with spaces: ");
25     scanf("%d %d %d",&num[1],&num[2],&num[3]);
26     for(i=1; i<4; i++)
27     {
28         for(j=i+1; j<4; j++)
29         {
30             if(num[i] > num[j])
31                 temp = num[i];
32             num[i] = num[j];
33             num[j] = temp;
34         }
35     }
36     printf("Sorted array: ");
37     for(i=1; i<4; i++)
38         printf("%d ",num[i]);
39     printf("\n");
40 }
```



Management x

Start here x 1.c x 2.c x

Projects Files

Workspace

```
13 printf("\nEven numbers: ");
14 while(k<num4)
15 {
16     if(k%2==0)
17         printf("%d \t",k);
18     ++k;
19 }
20
21 int main()
22 {
23     int num[3],i,j,temp,s,p;
24     printf("Enter three number separated with spaces: ");
25     scanf("%d %d %d",&num[1],&num[2],&num[3]);
26     for(i=1; i<4; i++)
27     {
28         for(j=i+1; j<4; j++)
29         {
30             if(num[i] > num[j])
31             {
32                 temp = num[i];
33                 num[i] = num[j];
34                 num[j] = temp;
35             }
36         }
37     }
38     s = sumaver(num[2],num[3]);
39     p = printeven(num[2],num[3]);
40     printf("\nAverage: %d \n",s);
41     return 0;
42 }
43
```

What's on your mind:  
ARITHMETIC OPERATIONS:

- 1-Addition
- 2-Substraction
- 3-Multiplication
- 4-Division

RELATIONAL OPERATIONS:

- 5-Equal
- 6-Greater than
- 7-Smaller than
- 8-Not equal to

RANDOM

- 9-Power
- 10-Area of rectangle(LxB)



What's on your mind:

ARITHMETIC OPERATIONS:

1-Addition

2-Substraction

3-Multiplication

4-Division

RELATIONAL OPERATIONS:

5-Equal

6-Greater than

7-Smaller than

8-Not equal to

RANDOM

9-Power

10-Area of rectangle(LxB)

1

Enter the first Integer:4

Enter the second Integer:7

Addition of 4 and 7 is: 11

Do you want to repeat the operation Y/N:

```
"D:\coding files\CodeBlocks\c-programming\ooj lab\1.exe"
Do you want to repeat the operation Y/N:
y

What's on your mind:
ARITHMETIC OPERATIONS:

1-Addition
2-Substraction
3-Multiplication
4-Division

RELATIONAL OPERATIONS:

5-Equal
6-Greater than
7-Smaller than
8-Not equal to

RANDOM

9-Power
10-Area of rectangle(LxB)

3
Enter the first Integer:23
Enter the second Integer:6
Multiplication of 23 and 6 is: 138

Do you want to repeat the operation Y/N:
```

```
Select "D:\coding files\CodeBlocks\c-programming\ooj lab\1.exe"
Do you want to repeat the operation Y/N:
y
What's on your mind:
ARITHMETIC OPERATIONS:
1-Addition
2-Substraction
3-Multiplication
4-Division
RELATIONAL OPERATIONS:
5-Equal
6-Greater than
7-Smaller than
8-Not equal to
RANDOM
9-Power
10-Area of rectangle(LxB)
6
Enter the first Integer:4
Enter the second Integer:32
32 is greater than 4
Do you want to repeat the operation Y/N:
```

```
"D:\coding files\CodeBlocks\c-programming\ooj lab\1.exe"
Do you want to repeat the operation Y/N:
y
What's on your mind:
ARITHMETIC OPERATIONS:
1-Addition
2-Substraction
3-Multiplication
4-Division
RELATIONAL OPERATIONS:
5-Equal
6-Greater than
7-Smaller than
8-Not equal to
RANDOM
9-Power
10-Area of rectangle(LxB)
9
Enter the first Integer:2
Enter the second Integer:6
The 2 raised to the power of 6 is 64.000000
Do you want to repeat the operation Y/N:
```