

n.c

```
1 #include <stdio.h>
2 #include <math.h>
3 void main()
4 {
5     int opt;
6     float n1,n2;
7     printf("enter the first num : ");
8     scanf("%f",&n1);
9     printf("enter the second num : ");
10    scanf("%f",&n2);
11    printf("enter your option :");
12    printf("1.addition\n 2.substration \n 3.multiplication \n 4. division \n 5.greater \n 6");
13    scanf("%d",&opt);
14    switch(opt){
15        case 1:
16            printf("addition is %f ",n1+ n2);
17            break ;
18        case 2:
19            printf("substraction is %f ",n1 - n2);
20            break ;
21    }
```

input

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n.c
1 break ;
2 case 2:
3 printf("substraction is %f ",n1 - n2);
4 break ;
5 case 3:
6 printf("multiplication is %f ",n1 * n2);
7 break ;
8 case 4 :
9 printf("division is %f ",n1 / n2);
10 break ;
11 case 5:
12 if(n1 > n2)
13 printf("Greater among two is %f ",n1);
14 else
15 printf("greater among two is %f ",n2);
16 break ;
17 case 6:
18 if( n1< n2)
19 printf("smaller among two is %f",n1);
20 else
21 printf("smaller among two is %f",n2);
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n.c
+ int( n1, n2 )
35 printf("smaller among two is %f",n1);
36 else
37 printf("smaller among two is %f",n2);
38 break;
39 case7:
40 if(n1==n2)
41 printf("both integers are equal ");
42 break ;
43 case 8 :
44 if(n1!= n2 )
45 printf("both the integers are not equal ");
46 break;
47 case 9 :
48 printf("squares of 1st no %f and 2nd is %f",n1*n1 , n2*n2);
49 break;
50 case 10 :
51 printf("average is %f", (n1+n2)/2);
52 break;
53 }
54 }
```

input

enter the first num : 1

enter the second num : 2

enter your option :1.addition

2.substraction

3.multiplication

4. division

5.greater

6. smaller

7.equal

8.not equal

9. square

10. average

9

squares of 1st no 1.000000 and 2nd is 4.000000

..Program finished with exit code 46

Press ENTER to exit console. █

```
1 #include<stdio.h>
2 float sumaver(int , int);
3 void printeven(int ,int);
4 void main()
5 {
6     int n1,n2,n3,a,b;
7     float avg;
8     printf("Enter three numbers:");
9     scanf("%d %d %d",&n1,&n2,&n3);
10    if(n1<n2&&n1<n3){
11        a=n2;b=n3;
12    }
13    else if(n2<n3&&n2<n1)
14    {
15        a=n1;b=n3;
16    }
```

input

```
4 else if(n2 < n3 & n2 < n1)
5 {
6     a=n1;b=n3;
7 }
8 else{
9     a=n1;b=n2;
10 }
11 if(a<=b){
12     n1=a;n2= b;
13     printf("%d %d\n",n1,n2);
14 }           I
15 else{
16     n1=b;n2 = a;
17     printf("%d %d\n",n1,n2);
18 }
19 avg=sumaver(n1,n2);
```

input

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8 }  
9     avg=sumaver(n1,n2);  
10    printf("Average of %d ,%d is = %d\n",a,b,avg);  
11    printeven(n1,n2);  
12 }  
13 float sumaver(int a,int b){  
14     int sum =a+b;  
15     float avg = sum/2;  
16     printf("Sum of %d + %d = %d\n",a,b,sum);  
17     return avg;  
18 }  
19 void printeven(int a,int b){  
20     int i=0;  
21     printf(" Even Numbers in between %d , %d:\n ",a  
22         for(i=a;i<=b;i++){
```

n.c

```
31 }
32 float sumaver(int a,int b){
33     int sum = a+b;
34     float avg = sum/2;
35     printf("Sum of %d + %d = %d\n",a,b,sum);
36     return avg;
37 }
38 void printeven(int a,int b){
39     int i=0;
40     printf(" Even Numbers in between %d , %d:\n ",a,b);
41
42     for(i=a;i<=b;i++){
43         if(i%2==0)
44             printf("%d\n",i);
45     }
46 }
```

input

input

main.c:29:35: warning: format '%d' expects argument of type 'int', but a  
ble' [-Wformat=]

Enter three numbers:3 4 5

4 5

Sum of 4 + 5 = 9

Average of 4 ,5 is = 16

Even Numbers in between 4 , 5:

4

...Program finished with exit code 6

Press ENTER to exit console.■