

main.c

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int n,i;
6     int a,b,result;
7     char option;
8     for(i=1;i!=0;i++)
9     {
10         printf("Enter 1 for addition\n");
11         printf("Enter 2 for subtraction\n");
12         printf("Enter 3 for multiplication\n");
13         printf("Enter 4 for division\n");
14         printf("Enter 5 for less than\n");
15         printf("Enter 6 for greater than\n");
16         printf("Enter 7 for lesser than or equal to\n");
17         printf("Enter 8 for greater than or equal to\n");
18         printf("Enter 9 for equal to\n");
19         printf("Enter 10 for modulus\n");
20         printf(">>\n");
21         scanf("%d",&n);
22         printf("enter 1st Numbers\n");
23         scanf("%d",&a);
24         printf("enter 2nd Numbers\n");
25         scanf("%d",&b);
26         switch(n){
27             case 1:
28                 result=(a+b);
29                 printf("The result is %d",result);
30                 break;
31             case 2:
32                 result=(a-b);
33                 printf("The result is %d",result);
34                 break;
35             case 3:
36                 result=(a*b);
37                 printf("The result is %d",result);
38                 break;
39             case 4:
40                 result=(a/b);
41                 printf("The result is %d",result);
42                 break;
43             case 5:
44                 result=(a<b);
45                 printf("The result is %d",result);
46                 break;
```

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```
37     printf("The result is %d",result);
38     break;
39 case 4:
40     result=(a/b);
41     printf("The result is %d",result);
42     break;
43 case 5:
44     result=(a<b);
45     printf("The result is %d",result);
46     break;
47 case 6:
48     result=(a>b);
49     printf("The result is %d",result);
50     break;
51 case 7:
52     result=(a<=b);
53     printf("The result is %d",result);
54     break;
55 case 8:
56     result=(a>=b);
57     printf("The result is %d",result);
58     break;
59 case 9:
60     result=(a==b);
61     printf("The result is %d",result);
62     break;
63 case 10:
64     result=(a%b);
65     printf("The result is %d",result);
66     break;
67 default:
68     printf("invalid\n");
69     break;
70 }
71 printf("\n if you want to continue then enter yes\n");
72 scanf("%s",&option);
73 getch();
74 if(option!="yes"||option!="Yes")
75     i=0;
76 }
77
78
79 getch();
80 return 0;
81 }
82
```

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2
3 int main()
4 {
5     int n,i;
6     int a,b,result;
7     char option;
8     for(i=1;iil 0;i++)
```

input

```
Enter 1 for addition
Enter 2 for subtraction
Enter 3 for multiplication
Enter 4 for division
Enter 5 for less than
Enter 6 for greater than
Enter 7 for lesser than or equal to
Enter 8 for greater than or equal to
Enter 9 for equal to
Enter 10 for modulus
>>
10
enter 1st Numbers
14
enter 2nd Numbers
6
The result is 2
if you want to continue then enter yes
yes
Enter 1 for addition
Enter 2 for subtraction
Enter 3 for multiplication
Enter 4 for division
Enter 5 for less than
Enter 6 for greater than
Enter 7 for lesser than or equal to
Enter 8 for greater than or equal to
Enter 9 for equal to
Enter 10 for modulus
>>
3
enter 1st Numbers
45
enter 2nd Numbers
7
The result is 315
if you want to continue then enter yes
```

```

1 #include <stdio.h>
2 float sumaver(int m, int n)
3 {
4     float avg=0; int sum=0 ;
5     sum = (m + n);
6     avg = (sum)/2;
7     printf("Sum is:%d\n", sum);
8     return avg;
9 }
10 }
11 void printeven(int m, int n)
12 {
13     int i;
14     printf("Even numbers are:\n ");
15     for(i=n; i<m; i++)
16     {
17         if(i%2 == 0)
18         {
19             printf(" %d ",i);
20         }
21     }
22 }
23 void main()
24 {
25     int a ,b, c, m, n;
26     printf("Enter the any 3 number: ");
27     scanf("%d%d%d", &a,&b,&c);
28     if (a>b && a>c)
29     m = a;
30     if (b>a && b>c)
31     m = b;
32     else
33     m = c;
34     if(a==m)
35     {
36         if(b>c)
37             n=b;
38         else
39             n=c;
40     }
41     if(b==m)
42     {
43         if(a>c)
44             n=a;
45         else
46             n=c;

```

```

main.c
22 }
23 void main()
24 {
25     int a ,b, c, m, n;
26     printf("Enter the any 3 number: ");
27     scanf("%d%d%d", &a,&b,&c);
28     if (a>b && a>c)
29         m = a;
30     if (b>a && b>c)
31         m = b;
32     else
33         m = c;
34     if(a==m)
35     {
36         if(b>c)
37             n=b;
38         else
39             n=c;
40     }
41     if(b==m)
42     {
43         if(a>c)
44             n=a;
45         else
46             n=c;
47     }
48     if(c==m)
49     {
50         if(a>b)
51             n=a;
52         else
53             n=b;
54     }
55     printf("Average is: %.1f\n ",sumaver(m, n));
56     printeven(m, n);
57 }

```

input

```

Enter the any 3 number: 20 40 30
Sum is:70
Average is:35.0
Even numbers are:
30 32 34 36 38

...Program finished with exit code 40
Press ENTER to exit console.

```

```
main.c
12- {
13     int i;
14     printf("Even numbers are:\n ");
15     for(i=n; i<m; i++)
16     {
17         if(i%2 == 0)
18         {
19             printf(" %d ", i);
```

input

Enter the any 3 number: 20 40 30

Sum is:70

Average is:35.0

Even numbers are:

30 32 34 36 38

...Program finished with exit code 40

Press ENTER to exit console.