

main.c

```
1 #include <stdio.h>
2 #include<stdlib.h>
3 int main()
4 {
5     printf("Input your choice\n");
6     int sum,sub,mul,c,n1,n2;
7     float div;
8     while(1)
9     {
10         printf("1.Addition\n");
11         printf("2.Subtraction\n");
12         printf("3.Multiplication\n");
13         printf("4.Division\n");
14         printf("5.Greater than\n");
15         printf("6.Lesser than\n");
16         printf("7.Equal\n");
17         printf("8.Not equal\n");
18         printf("9.Increment\n");
19         printf("10.Deacrement\n");
20         printf("11.Exit\n");
21         scanf("%d",&c);
22         printf("Enter two numbers\n");
23         scanf("%d%d",&n1,&n2);
24         switch(c)
25         {
26             case 1:
27                 sum=n1+n2;
28                 printf("Result is:%d\n",sum);
29                 break;
30             case 2:
```


File Explorer

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29     case 2:
30         if(n2>n1)
31             sub=n2-n1;
32         else
33             sub=n1-n2;
34         printf("Result is: %d\n",sub);
35         break;
36     case 3:
37         mul=n1*n2;
38         printf("Result is: %d\n",mul);
39         break;
40     case 4:
41         div=n2/n1;
42         printf("Result is: %f\n",div);
43         break;
44     case 5:
45         if(n1>n2)
46             printf("Greater number is: %d\n",n1);
47         else
48             printf("Greater number is: %d\n",n2);
49         break;
50     case 6:
51         if(n1<n2)
52             printf("Lesser number is: %d\n",n1);
53         else
54             printf("Lesser number is: %d\n",n2);
55         break;
56     case 7:
57         if(n1==n2)
58             printf("Both the numbers are equal\n");
```


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53     else
54     printf("Lesser number is: %d\n",n2);
55     break;
56     case 7:
57     if(n1==n2)
58     printf("Both the numbers are equal\n");
59     else
60     continue;
61     break;
62     case 8:
63     if(n1!=n2)
64     printf("Both the numbers are not equal\n");
65     else
66     continue;
67     break;
68     case 9:
69     printf("The first number incremented is: %d\n",n1++);
70     printf("The second number incremented is: %d\n",n2++);
71     break;
72     case 10:
73     printf("The first number decremented is: %d\n",n1--);
74     printf("The second number decremented is: %d\n",n2--);
75     break;
76     case 11:
77     exit(0);
78     }
79
80 }
81 }
82

```



```
Input your choice
1.Addition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
1
Enter two numbers
6
7
Result is:13
1.Addition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
5
```




```
7
Result is:13
1.Addition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
5
Enter two numbers
5
6
Greater number is: 6
1.Addition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
```

```
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
9
Enter two numbers
7
4
The first number incremented is: 8
The second number incremented is: 5
1.Addition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
11
```

```

1  #include <stdio.h>
2  float sumaver(int,int);
3  void printeven(int,int);
4  void main()
5  {
6      int a,b,c,n1,n2;
7      float avg;
8      printf("Enter three numbers\n ");
9      scanf("%d%d%d",&a,&b,&c);
10     if(a>b && a<c)
11     {
12         if(b>c)
13         {
14             n1=a;
15             n2=b;
16         }
17         else
18         {
19             n1=a;
20             n2=b;
21         }
22     }
23     if(b>a && b>c)
24     {
25         if(a>c)
26         {
27             n1=b;
28             n2=a;
29         }
30         else

```

```
29     }
30     else
31     {
32         n1=b;
33         n2=c;
34     }
35 }
36 if(c>a && c>b)
37 {
38     if(a>b)
39     {
40         n1=c;
41         n2=a;
42     }
43     else
44     {
45         n1=c;
46         n2=b;
47     }
48 }
49 avg=sumaver(n1,n2);
50 printeven(n1,n2);
51 }
52 float sumaver(int n1,int n2)
53 {
54     float avg;
55     avg=(n1+n2)/2;
56     printf("Sum=%d\n",n1+n2);
57     return avg;
58 }
```



```

47     }
48 }
49 avg=sumaver(n1,n2);
50 printeven(n1,n2);
51 }
52 float sumaver(int n1,int n2)
53 {
54     float avg;
55     avg=(n1+n2)/2;
56     printf("Sum=%d\n",n1+n2);
57     return avg;
58 }
59 void printeven(int n1,int n2)
60 {
61     int n;
62     n=n2;
63     while(n<n1)
64     {
65         if(n%2==0)
66             printf("%d\n",n+2);
67         else
68             printf("%d\n",n+1);
69         n=n+2;
70     }
71 }
72
73
74
75
76

```

Enter three numbers

45

67

100

Sum=167

68

70

72

74

76

78

80

82

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86

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96

98

100

...Program finished with exit code 101

Press ENTER to exit console.