

```
1 #include<stdio.h>
2
3 void main()
4 {
5     int no1,no2,result,choice;
6     printf("Enter two numbers:");
7     scanf("%d %d",&no1,&no2);
8     do{
9         printf
10        ("1.Add\t2.Subtract\t3.Multiply\t4.Divide\t5.Modulus\t");
11        printf("6.less than\t7.NotEqual\t8.Greater than
12        \t9.Greater than or equal to\t");
13        printf("10.Less than or equal to\t11.Exit \tEnter your
14        choice: ");
15        scanf("%d",&choice);
16        switch(choice)
17        {
18            case 1: result=no1+no2;
19                printf("Sum= %d\n",result);
20                break;
21            case 2: result=no1-no2;
22                printf("Difference= %d\n",result);
23                break;
24            case 3: result=no1*no2;
25                printf("Product= %d\n",result);
26        }
```

main.c

```
22     printf("Product= %d\n",result);
23     break;
24 case 4: result=no1/no2;
25     printf("Quotient= %d\n",result);
26     break;
27 case 5:result=no1%no2;
28     printf("Remainder= %d\n",result);
29     break;
30 case 6:if(no1<no2)
31     printf("Number1 is less than Number2\n");
32 else
33     printf("false\n");
34 break;
35 case 7:if(no2!=no1)
36     printf("Number1 is Not Equal to number2\n");
37 else
38     printf("false\n");break;
39 case 8:if(no1>no2)
40     printf("Number1 is greater than Number2 \n");
41 else
42     printf("false\n");break;
43 case 9:if(no1>=no2)
44     printf("Number1 is gerater than or equal to
45     Number2\n");
46 else
```

main.c

```
41     else
42         printf("false\n");break;
43     case 9:if(no1>=no2)
44         printf("Number1 is greater than or equal to
45             Number2\n");
46     else
47         printf("false\n");break;
48     case 10:if(no1<=no2)
49         printf("Number1 is less than or equal to Number2\n");
50     else
51         printf("false\n");break;
52     case 11:break;
53     default:printf("Invalid choice");
54 }
55 if(choice == 11)
56     printf("\n Your Exiting the Program\n");
57 }while(choice!=11);
58 }
```

```
► clang-7 -pthread -lm -o main main.c
main.c:3:1: warning: return type of 'main' is not 'int'
      [-Wmain-return-type]
void main()
^

main.c:3:1:       change return type to 'int'
void main()
^~~~~~
int

1 warning generated.
► ./main
Enter two numbers:23
56
1.Add  2.Subtract  3.Multiply  4.Divide  5.Modulus  6.les
s than 7.NotEqual 8.Greater than 9.Greater than or equal t
o 10.Less than or equal to 11.Exit  Enter your choice
: 1
Sum= 79
1.Add  2.Subtract  3.Multiply  4.Divide  5.Modulus  6.les
s than 7.NotEqual 8.Greater than 9.Greater than or equal t
o 10.Less than or equal to 11.Exit  Enter your choice
: []
```

main.c

```
1 #include<stdio.h>
2 float sumaver(int,int);
3 void printeven(int,int);
4 int main()
5 {
6     int a,b,c;
7     printf("enter three number:\n");
8     scanf("%d %d %d",&a,&b,&c);
9     float average;
10    if(c<a&&c<b)
11    {
12        average= sumaver(a,b);
13        if(a<b)
14            printeven(a,b);
15        else
16            printeven(b,a);
17    }
18    else if(a<b&&a<c)
19    {
20        average= sumaver(c,b);
21        if(c<b)
22            printeven(c,b);
23        else
24            printeven(b,c);
25    }
```

main.c

```
26     else if (b<a&&b<c)
27     {
28         average= sumaver(a,c);
29         if (c<a)
30             printeven(c,a);
31         else
32             printeven(a,c);
33     }
34     printf("The average of two number:%f",average);
35 }
36 float sumaver(int p,int q)
37 {
38     int sum=p+q;
39     return sum/2.0;
40 }
41 void printeven(int p,int q)
42 {
43     int i;
44     printf("The even numbers are:\n");
45     for (i=p+1;i<q;i++)
46     {
47         if(i%2==0)
48             printf("%d\n",i);
49     }
50 }
```

```
► clang-7 -pthread -lm -o main main.c
```

```
► ./main
```

```
enter three number:
```

```
12 34 56
```

```
The even numbers are:
```

```
36
```

```
38
```

```
40
```

```
42
```

```
44
```

```
46
```

```
48
```

```
50
```

```
52
```

```
54
```

```
The average of two number:45.000000
```