

```
2 #include<stdio.h>
3
4 void main()
5 {
6     int no1,no2,result,choice;
7     printf("Enter two numbers:");
8     scanf("%d %d",&no1,&no2);
9     do{
10         printf("1.Add\t2.Subtract\t3.Multiply\t4.Divide\t5.Modulus\t");
11         printf("6.Less than or equal to\t7.NotEqual\t8.Greater than or equal
12         to\t");
13         scanf("%d",&choice);
14         switch(choice)
15         {
16             case 1: result=no1+no2;
17             printf("Sum= %d\n",result);
18             break;
19             case 2: result=no1-no2;
20             printf("Difference= %d\n",result);
21             break;
22             case 3: result=no1*no2;
23             printf("Product= %d\n",result);
24             break;
25             case 4: result=no1/no2;
26             printf("Quotient= %d\n",result);
27             break;
28             case 5: result=no1%no2;
29             printf("Remainder= %d\n",result);
30         }
31     }while(choice!=8);
```

```
29
30     break;
31
32 case 6:if(n01<n02)
33     printf("Number1 is less than Number2\n");
34 else
35     printf("false\n");
36
37 case 7:if(n02!=n01)
38     printf("Number1 is Not Equal to number2\n");
39 else
40     printf("false\n");break;
41
42 case 8:if(n01>n02)
43     printf("Number1 is greater than Number2 \n");
44 else
45     printf("false\n");break;
46
47 case 10:if(n01<=n02)
48     printf("Number1 is less than or equal to Number2\n");
49 else
50     printf("false\n");break;
51
52 default:printf("Invalid choice");
53
54 if(choice == 11)
55     printf("\n Your Exiting the Program\n");
56
57 }
```

```
► 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: note: change return type to 'int'
void main()
^
int
1 warning generated.
```

```
► ./main
Enter two numbers: 3 6
1.Add 2.Subtract 3.Multiply 4.Divide 5.Modulus
6.less than 7.NotEqual 8.Greater than 9.Greater t
han or equal to 10.Less than or equal to 11.Exit Enter
your choice: 1
Sum= 9
1.Add 2.Subtract 3.Multiply 4.Divide 5.Modulus
6.less than 7.NotEqual 8.Greater than 9.Greater t
han or equal to 10.Less than or equal to 11.Exit Enter
your choice: 3
Product= 18
1.Add 2.Subtract 3.Multiply 4.Divide 5.
than 7.NotEqual 8.Greater than 9.Greater
0.Less than or equal to 11.Exit Enter you
```

```
#include<stdio.h>
float sumaver(int,int);
void printeven(int,int);
int main()
{
    int a,b,c;
    printf("enter three number:\n");
    scanf("%d %d %d",&a,&b,&c);
    float average;
    if(c<a&&c<b)
    {
        average= sumaver(a,b);
        if(a<b)
            printeven(a,b);
        else
            printeven(b,a);
    }
    else if(a<b&&a<c)
    {
        average= sumaver(c,b);
        if(c<b)
            printeven(c,b);
        else
            printeven(b,c);
    }
    else if (b<a&&b<c)
    {
        average= sumaver(a,c);
        if (c<a)
```

```
n.c
    {
        if(c>a)
            printeven(c,a);
        else
            printeven(a,c);
    }
    printf("The average of two number:%f",average);
}
float sumaver(int p,int q)
{
    int sum=p+q;
    return sum/2.0;
}
void printeven(int p,int q)
{
    int i;
    printf("The even numbers are:\n");
    for (i=p+1;i<q;i++)
    {
        if(i%2==0)
            printf("%d\n",i);
    }
}
```

```
• clang-7 -pthread -lm -o main main.c
• ./main
enter three number:
12 34 52
The even numbers are:
36
38
40
42
44
46
48
50
The average of two number:43.000000%
```

