

```
1  #include<stdio.h>
2  #include<math.h>
3  int main()
4  {
5  int a,b,c=11;
6  printf("enter the first number\n");
7  scanf("%d",&a);
8  printf("enter the second number\n");
9  scanf("%d",&b);
10 while(c!=0)
11 {
12 printf("enter the choice\n");
13 printf("1-addition \n 2-substraction \n 3-
multiplication \n 4-division/n");
14 printf("5-greatest of nos \n 6-smallest of
nos \n 7-if equal \n 8-not equal \n 9-
modulus \n 10-power\n");
15 scanf("%d",&c);
16 switch(c)
17 {
18 case 1:
19     printf("sum of %d and %d=%d\n",a,b,a+
b);
20     break;
21 case 2:
22     printf("diff of %d and %d=%d/n",a,b,a-b);
23     break;
24 case 3:
25     printf("multi of %d and %d=%d/n",a,b,a*
b);
26     break;
27 case 4:
28     printf("div of %d and %d=%d/
29     break;
```

```
30 case 5:
31     if(a>b)
32         printf("%d/n",a);
33     else
34         printf("%d/n",b);
35     break;
36 case 6:
37     if(a<b)
38         printf("%d/n",a);
39     else
40         printf("%d/n",b);
41     break;
42 case 7:
43     if(a==b)
44         printf("numbers r equal\n");
45     break;
46 case 8:
47     if(a!=b)
48         printf("numbers r not equal\n");
49     break;
50 case 9:
51     printf("mod of %d and %d=%d/n",a,b,
52         a%b);
53     break;
54 case 10:
55     printf("pow of %d and %d=%d/n",a,b,
56         pow(a,b));
57     break;
58 case 11:
59     printf("thank you/n");
60     break;
61 default :
62     printf("enter the correct choic
```

Enter the first number

0

Enter the second number

0

Enter the choice

1-addition

2-subtraction

3-multiplication

4-division/n5-greatest of nos

6-smallest of nos

7-if equal

8-not equal

9-modulus

10-power

Sum of 10 and 20=30

Enter the choice

1-addition

2-subtraction

3-multiplication

4-division/n5-greatest of nos

6-smallest of nos

7-if equal

8-not equal

9-modulus

10-power

```
1 #include <stdio.h>
2 float sumaver(int x,int y)
3 {
4     printf("Sum: %d\n",x+y);
5     return((x+y)/2);
6 }
7
8 void printeven(int x,int y)
9 {
10     printf("All the even numbers from %d
11 to %d\n",y,x);
12     for(int i=y;i<=x;i++)
13     {
14         if(i%2==0)
15             printf("%d ",i);
16     }
17
18
19 int main()
20 {
21     int a[3],g1,g2,t;
22     printf("Enter the three numbers\n");
23     scanf("%d%d%d",&a[0],&a[1],&a[2]);
24     for(int i=0;i<3;i++)
25     {
26         for(int j=i+1;j<3;j++)
27         {
28             if(a[i]<a[j])
29             {
30                 t=a[i];
31                 a[i]=a[j];
32                 a[j]=t;
33             }
34         }
35     }
```

```
16 }
17
18
19 int main()
20 {
21     int a[3],g1,g2,t;
22     printf("Enter the three numbers\n");
23     scanf("%d%d%d",&a[0],&a[1],&a[2]);
24     for(int i=0;i<3;i++)
25     {
26         for(int j=i+1;j<3;j++)
27         {
28             if(a[i]<a[j])
29             {
30                 t=a[i];
31                 a[i]=a[j];
32                 a[j]=t;
33             }
34         }
35     }
36
37     g1=a[0];
38     g2=a[1];
39     float aver=sumaver(g1,g2);
40     printf("Average: %f\n",aver);
41     printeven(g1,g2);
42     return 0;
43 }
```





TAB



Enter the three numbers

30

40

50

Sum: 90

Average: 45.000000

All the even numbers from 40 to 50

40 42 44 46 48 50

[Program finished]

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

⬆ z x c v b n m ⬆

?123

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