

```

1  #include<stdio.h>
2  int main()
3  {
4      int ch,a,b;
5      printf("Enter a number, 0 to exit and any other number <=10 to continue\n");
6      scanf("%d",&ch);
7      while(ch!=0)
8      {
9          printf("Enter any 2 numbers\n");
10         scanf("%d%d",&a,&b);
11         switch(ch)
12         {
13             case 1:
14             {
15                 printf("Sum = %d",(a+b));
16                 break;
17             }
18             case 2:
19             {
20                 printf("Difference = %d",(a-b));
21                 break;
22             }
23             case 3:
24             {
25                 printf("Product = %d",(a*b));
26                 break;
27             }
28             case 4:
29             {
30                 printf("Quotient = %d",(a/b));
31                 break;
32             }
33             case 5:
34             {
35                 printf("first > second := %d",(a>b));
36                 break;

```

```

}
case 6:
{
    printf("first < second := %d", (a<b));
    break;
}
case 7:
{
    printf("first = second := %d", (a==b));
    break;
}
case 8:
{
    printf("first is not equal to second = %d", (a!=b));
    break;
}
case 9:
{
    printf("Remainder = %d", (a%b));
    break;
}
case 10:
{
    printf("first <= second := %d", (a<=b));
    break;
}
default:
printf("Wrong choice!");
}
printf("\nEnter any number to continue or 0 to exit\n");
scanf("%d", &ch);

```

```
#include<stdio.h>
int main()
{
    int ch,a,b;
    printf("Enter a number, 0 to exit and any other number <=10 to continue\n");
    scanf("%d",&ch);
    while(ch!=0)
    {
        printf("Enter any 2 numbers\n");
        scanf("%d%d",&a,&b);
        switch(ch)
        {
```

input

a number, 0 to exit and any other number <=10 to continue

any 2 numbers

< second := 1

any number to continue or 0 to exit

```

1  #include <stdio.h>
2  float sumaver(int x,int y)
3  {
4      printf("Sum: %d\n",x+y);
5      return((x+y)/2.0);
6  }
7
8  void printeven(int x,int y)
9  {
10     printf("All the even numbers from %d to %d\n",y,x);
11     if(y%2 != 0)
12         y=y+1;
13
14     for(int i=y;i<=x;i+=2)
15         printf("%d ",i);
16
17 }
18
19
20 int main()
21 {
22     int a[3],g1,g2,t;
23     printf("Enter the three numbers\n");
24     scanf("%d%d%d",&a[0],&a[1],&a[2]);
25     for(int i=0;i<3;i++)
26     {
27         for(int j=i+1;j<3;j++)
28         {
29             if(a[i]<a[j])
30             {
31                 t=a[i];
32                 a[i]=a[j];
33                 a[j]=t;
34             }
35         }
36     }

```

main.c

```
27     for(int j=i+1;j<3;j++)
28     {
29         if(a[i]<a[j])
30         {
31             t=a[i];
32             a[i]=a[j];
33             a[j]=t;
34         }
35     }
36 }
37
38 g1=a[0];
39 g2=a[1];
40 float aver=sumaver(g1,g2);
41 printf("Average: %f\n",aver);
42 printeven(g1,g2);
43 return 0;
44 }
```

input

Enter the three numbers

56

87

94

Sum: 181

Average: 90.500000

All the even numbers from 87 to 94

88 90 92 94

...Program finished with exit code 0

Press ENTER to exit console.