

```
#include<stdio.h>
float sumaver(int, int);
void printeven(int , int);

int main()
{
    int a,b,c;
    printf("Enter three numbers:\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)
            printeven(c,a);
        else
            printeven(a,c);
    }
}
```

```

0
1 average = sumaver(c,b);
2 (c<b)
3 printeven(c,b);
4 se
5 printeven(b,c);
6
7 (b<a && b<c)
8
9 average = sumaver(a,c);
10 (c<a)
11 printeven(c,a);
12 se
13 printeven(a,c);
14
15 "The average of two numbers:%f",average);
16
17
18 er(int p, int q)
19
20 = p + q;
21 sum/2.0;
22
23
24 ven(int p, int q)
25
26
27 "The even numbers are:\n");
28 +1;i<q;i++)
29
30 i % 2 == 0)
31 printf("%d\n",i);
32
33

```

```

0      {
1          average = sumaver(c,b);
2          if(c<b)
3              printeven(c,b);
4          else
5              printeven(b,c);
6      }
7  else if(b<a && b<c)
8  {
9      average = sumaver(a,c);
10     if(c<a)
11         printeven(c,a);
12     else
13         printeven(a,c);
14 }
15 printf("The average of two numbers:%f\n",average);
16 }
17
18 float sumaver(int p, int q)
19 {
20     int sum = p + q;
21     return sum/2.0;
22 }
23
24 void printeven(int p, int q)
25 {
26     int i;
27     printf("The even numbers are:\n");
28     for(i=p+1;i<q;i++)
29     {
30         if(i % 2 == 0)
31             printf("%d\n",i);
32     }
33 }

```

Enter three numbers:

76

78

99

The even numbers are:

80

82

84

86

88

90

92

94

96

98

The average of two numbers:88.500000

[Process completed - press Enter]