

```

7  *****
8  #include <stdio.h>
9  #include<math.h>
10 void calculator(int,int);
11 int main()
12 {
13     int a,b;
14     printf("Enter the two numbers respectively\n");
15     scanf("%d %d",&a,&b);
16     calculator(a,b);
17 }
18 void calculator(int a,int b)
19 {
20     int sum,result,opt;
21     float avg;
22     printf("1:Add\n2:Subtract\n3:Multiply\n4:Divide\n5:Check equality\n6:Find
23     printf("Enter your choice\n");
24     scanf(" %d",&opt);
25     while(opt!=0)
26     {
27         switch(opt)
28         {
29             case 1:
30                 result=a+b;
31                 printf("Result is %d \n",result);
32                 break;
33
34

```

input

```

Enter the two numbers respectively
2 3
1:Add
2:Subtract
3:Multiply
4:Divide
5:Check equality

```



5:Check equality

6:Find greater

7:Find smaller

8:not equal

9:Average

OB 10:find the square of their sum

Enter your choice



Enter your choice

1

Result is 5

Enter 0 to EXIT or choose an option from 1 to 10

2

B Result is 1

Enter 0 to EXIT or choose an option from 1 to 10

Enter 0 to EXIT or choose an option from 1 to 10

3

Result is 6

Enter 0 to EXIT or choose an option from 1 to 10

4

Result is 0

Enter 0 to EXIT or choose an option from 1 to 10

5

they are not equal

Enter 0 to EXIT or choose an option from 1 to 10

6

3 is greater than 2

Enter 0 to EXIT or choose an option from 1 to 10

7

7

2 is smaller than 3

Enter 0 to EXIT or choose an option from 1 to 10

8

they are not equal

Enter 0 to EXIT or choose an option from 1 to 10

9

9

The average of their sum is= 2.500000

Enter 0 to EXIT or choose an option from 1 to 10

10

Square of the sum is25.000000

Enter 0 to EXIT or choose an option from 1 to 10

0

main.c

```
7
8  #include <stdio.h>
9  float sumaver(int,int);
10 void printeven(int,int);
11 int main()
12 {
13     int a,b,c,g1,g2;
14     float avg;
15     printf("Enter 3 numbers\n");
16     scanf("%d%d%d",&a,&b,&c);
17     if(a>b&&a>c)
18     {
19         g1=a;
20         g2=b>c?b:c;
21     }
22     else if(b>c&&b>a)
23     {
24         g1=b;
25         g2=a>c?a:c;
26     }
27     else if(c>a&&c>b)
28     {
29         g1=c;
30         g2=a>b?a:b;
31     }
32     avg=sumaver(g1,g2);
33     printf("The average of the two numbers are= %f\n",avg);
34     printeven(g1,g2);
35 }
```

input

Enter 3 numbers

1 5 10

The sum of the two numbers are= 15

The average of the two numbers are= 7.500000

The even numbers between are:

6

8