view source

print?

```
01 #include<stdio.h>
02
03 int main()
04
05 {
06
07 double
08 xcoords [5]; /*the x coordinates of our n points*/
09
10 double
11 ycoords [5]; /*the y coordinates of our n points*/
12
13 double
14 xin=0; /*the x whose f(x) we wish to compute*/
15
16 double
17 fx=0;/*the value of f(x)*/
18
19 int
20 i,j;
21
22 double
23 x0=0;
24
25 double
26 x1=0;
27
28 printf("Enter the value of%f", x0);
29
30 printf("Enter the value of%f", x1);
31
32 for
33 (i=0; i<5; i++)
34
35 {
36
37 double Lg = 1;
38
39 for(j=0; j<5; j++){
40
41 if(i != j){
42
43 Lg *= (xin-xcoords[j])/(xcoords[i]-xcoords[j]);
44
```

```
45 }
46
47 }
48
49 fx= Lg*ycoords[i];
50
51 }
52
53 return 0;
54
55 }
```