

(globals)

Project C firstfitos.c FCFSDISKOS.C

```
1 #include<math.h>
2 #include<stdio.h>
3 #include<stdlib.h>
4 int main()
5 {
6     int i,n,req[50],mov=0,cp;
7     printf("enter the current position\n");
8     scanf("%d",&cp);
9     printf("enter the number of requests\n");
10    scanf("%d",&n);
11    printf("enter the request order\n");
12    for(i=0;i<n;i++)
13    {
14        scanf("%d",&req[i]);
15    }
16    mov=mov+abs(cp-req[0]);
17    printf("%d -> %d",cp,req[0]);
18    for(i=1;i<n;i++)
19    {
20        mov=mov+abs(req[i]-req[i-1]);
21        printf(" -> %d",req[i]);
22    }
23    printf("\n");
24    printf("total seek time = %d\n",mov);
25 }
```

enter the current position

63

enter the number of requests

8

enter the request order

32 43 54 87 12 76 104 189

63 -> 32 -> 43 -> 54 -> 87 -> 12 -> 76 -> 104 -> 189

total seek time = 338

Process exited after 50.22 seconds with return value 0

Press any key to continue . . .