

**OnlineGDB** beta  
online compiler and debugger for c/c++

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main.c

```
1  /*****
2
3  Welcome to GDB Online.
4  GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5  C#, OCaml, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6  Code, Compile, Run and Debug online from anywhere in world.
7
8  *****/
9  #include<stdio.h>
10 #include<stdlib.h>
11 int main()
12 {
13     int RQ[100],i,n,TotalHeadMoment=0,initial;
14     printf("Enter the number of Requests\n");
15     scanf("%d",&n);
16     printf("Enter the Requests sequence\n");
17     for(i=0;i<n;i++)
18         scanf("%d",&RQ[i]);
19     printf("Enter initial head position\n");
20     scanf("%d",&initial);
21     for(i=0;i<n;i++)
22     {
23         TotalHeadMoment=TotalHeadMoment+abs(RQ[i]-initial);
24         initial=RQ[i];
25     }
26     printf("Total head moment is %d",TotalHeadMoment);
27     return 0;
28 }
29
30
```

input

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Run Debug Stop Share Save Beautify

Language C

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5 C#, OCaml, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
```

input

```
Enter the number of Requests
10
Enter the Requests sequence
9 1 8 2 7 3 6 4 5 0
Enter initial head position
2 5
Total head moment is 48

...Program finished with exit code 0
Press ENTER to exit console.
```