

linear search (GNU GCC v7.1.1)

```
Result
Execute
            Share
                    main.c
                             STDIN
                                      Permalink
    #include<stdio.h>
 1
                                                                                $gcc -o main *.c
 2
 3
    int main(){
                                                                                $main
 4
         int a[10], n=10, i, find;
                                                                                 Enter 1 element
 5
                                                                                 Enter 2 element
         for(i=0;i<n;i++){</pre>
 6
                                                                                 Enter 3 element
         printf("\n Enter %d element ",i+1);
 7
                                                                                 Enter 4 element
         scanf("%d",&a[i]);
 8
                                                                                 Enter 5 element
 9
                                                                                 Enter 6 element
10
         printf("\n Enter element you want to find ");
                                                                                 Enter 7 element
         scanf("%d",&find);
11
                                                                                 Enter 8 element
                                                                                 Enter 9 element
12
                                                                                 Enter 10 element
         for(i=0;i<n;i++){
13
                                                                                 Enter element yo
14
             if(a[i]==find){
                                                                                Element Not exist
15
                 printf("\nElement Found");
16
                 break;
17
             }
18
         if(a[i]!=find){
19
20
             printf("\nElement Not exist");
21
         }
22
23
         return 0;
24
    }
```