dsa\LinearSearch.cpp

```cpp
1   #include<iostream>
2   using namespace std;
3
4   bool linearSearch(int arr[], int n, int key)
5   {
6       for(int i=0;i<n;i++)
7       {
8           if(key==arr[i])
9           {
10              return true ;
11          }
12      }
13      return false ;
14  }
15
16  int main()
17  {
18      int arr[5] = {23,5,69,40,84} ;
19      int ans= linearSearch(arr,5,23) ;
20      if(ans==1)
21      {
22          cout<<"element is present"<<endl;
23      }
24      if(ans==0)
25      {
26          cout<<"element is not present"<<endl;
27      }
28
29      return 0;
30
31  }
```