```c
#include<stdio.h>
int linearSearch(int list[],int size,int data)
{
  int index;
  for(index=0;index<size;index++)
    {
      if(list[index]==data)
      {
        return index;
      }
    }
  return -1;
}

int main()
{
  int list[5]={11,12,13,15,14};
  int size=5;
  int data=14;
  int search=linearSearch(list,size,data);
  printf("\n the data %d    was found at index %d \n",data,search);
  return 0;
}
```