

Solution Code

```
public class LinearSearchExample{
public static int linearSearch(int[] arr, int key){
    for(int i=0;i<arr.length;i++){
        if(arr[i] == key){
            return i;
        }
    }
    return -1;
}
public static void main(String a[]){
    int[] a1= {10,20,30,50,70,90};
    int key = 50;
    System.out.println(key+" is found at index: "+linearSearch(a1, key));
}
}
```