3 Sequential Searching

- To search an element from the unsorted array list we are using this simple technique.
- It simply traverses from top to bottom in the array and searches for the key value from the list and displays output as well. It is also called as sequential searching method.
- In this technique searching element (value) is compared with the first element of the list, if maind is found then the search is terminated.
- otherwise next element from the list is fetched and compared with the searching element and this process is continued till the searching element is found or list is completely traversed
- At last, if searching element is not found from the array, it displays a message that elemen is not found in the list.

2   Sequential search

```
printf("Enter value for search :");
scanf("%d",&ch);

for(i=0; i<n; i++){
    if(arr[i]==num){
        break;
    }
}

if(i==n){
    printf("Searched element is not found");
}
else{
    printf("element found at %d position and
            number is %", i+1, ch);
}
```