PROGRAM:

#include <stdio.h>

int main() {

int arr[100], n, i, key, found = 0;

printf("Enter size of array: ");

scanf("%d", &n);

printf("Enter %d elements: ", n);

for(i = 0; i < n; i++)

scanf("%d", &arr[i]);

printf("Enter number to search: ");

scanf("%d", &key);

for(i = 0; i < n; i++) {

if(arr[i] == key) {

printf("Found at position %d\n", i);

found = 1;

break;

}

}

if(!found)

printf("Not found\n");

return 0;

OUTPUT:

