**DATA STRUCTURES LAB EXERCISES**

**EXPERIMENT-7**

#include <stdio.h>

int main() {

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

printf("Enter number of elements: ");

scanf("%d", &n);

printf("Enter the elements:\n");

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

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

}

printf("Enter the element to find: ");

scanf("%d", &target);

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

if(arr[i] == target) {

printf("Element %d found at position (index) %d.\n", target, i);

found = 1;

break;

}

}

if(!found) {

printf("Element %d not found in the array.\n", target);

}

    return 0;

}

