**PRACTICAL – 1**

**Write a program to implement Linear Search using Array**.

#include <stdio.h>

int main() {

int s,num,i,flag=0;

printf("Enter number of elements in array");

scanf("%d",&s);

int arr[s];

printf("Enter the elements of Array");

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

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

}

printf("Enter the element to be searched");

scanf("%d",&num);

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

if(arr[i]==num){

flag=1;

break;

}

}

if(flag==1){

printf("Element found in the array at postition %d",i+1);

}

else{

printf("Element is not present in the array \n");

}

return 0;

}