C program to search in a 2D array

Code:

#include<stdio.h>

int main()

{

int arr[100][100];

int i,j,n,k,search,temp;

printf("Enter the number of rows:");

scanf("%d",&n);

printf("Enter the number of column:");

scanf("%d",&k);

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

{

for(j=0;j<k;j++)

{

printf("Enter the elements in array[%d][%d]:",i,j);

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

}

}

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

{

for(j=0;j<k;j++)

{

printf("array[%d][%d] =%d\n",i,j,arr[i][j]);

}

}

printf("Enter a value to search:");

scanf("%d",&search);

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

{

for(j=0;j<k;j++)

{

if(arr[i][j]==search)

{

temp=1;

}

}

}

if(temp==1)

{

printf("The entered value %d is prersent in the array",search);

}

else

{

printf("The entered value %d is not prersent in the array",search);

}

return 0;

}

