C program to print average of a 2d array

Code:

#include<stdio.h>

int main()

{

int arr[100][100];

int i,j,n,k,sum;

float average;

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]);

}

}

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

{

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

{

sum=sum+(arr[i][j]);

}

}

average=sum/(n\*k);

printf("The average of the array=%.2f",average);

return 0;

}

