**3. Write a C Program to print the sum of boundary elements of a matrix.**

#include <stdio.h>

#include <stdlib.h>

int main()

{

int a[100][100],m,n,i,j;

printf("Enter The Size Of The Matrix:\n");

scanf("%d%d",&m,&n);

printf("Enter The Elements Into Matrix:\n");

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

{

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

{

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

}

}

int f,g;

printf("The Input Matrix Is:\n");

for(f=0;f<m;f++)

{

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

{

printf("%d\t",a[f][g]);

}

printf("\n");

}

printf("The Boundary Elements Are:\n");

int b,c,s=0;

for(b=0;b<m;b++)

{

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

{

if(b==0 || b==m-1)

{

s=s+a[b][c];

printf("%d\t",a[b][c]);

}

else if(c==0 || c==n-1)

{

s=s+a[b][c];

printf("%d\t",a[b][c]);

}

}

}

printf("\nThe Sum Of The Boundary Elements Of The Matrix Is:\n%d",s);

}

