#include<stdio.h>

int main()

{

int i, j, rows, columns, Multiplication[10][10], Number;

printf("\n Enter Number of rows and columns\n");

scanf("%d %d", &i, &j);

printf("\n Enter the Matrix Elements \n");

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

{

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

{

scanf("%d", &Multiplication[rows][columns]);

}

}

printf("\n Enter the Multiplication Value : ");

scanf("%d", &Number);

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

{

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

{

Multiplication[rows][columns] = Number \* Multiplication[rows][columns];

}

}

printf("\n The Result of a Scalar Matrix Multiplication is : \n");

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

{

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

{

printf("%d \t ", Multiplication[rows][columns]);

}

printf("\n");

}

return 0;

}