p=int(input(**"Enter row value of matrix1"**))  
q=int(input(**"Enter col value of matrix2"**))  
n=int(input(**"Enter col value of matrix1/row value of matrix2"**))  
  
  
print(**"Enter the elements for the matrix1"**)  
matrix1=[[int(input()) for i in range(n)] for j in range(p)]  
  
print(**"Matrix1: "**)  
for i in range(p):  
 for j in range(n):  
 print(matrix1[i][j],end=**" "**)  
 print()  
  
print(**"Enter the elements for the matrix2"**)  
matrix2=[[int(input()) for i in range(q)] for j in range(n)]  
  
print(**"Matrix2: "**)  
for i in range(n):  
 for j in range(q):  
 print(matrix2[i][j],end=**" "**)  
 print()  
  
  
result=[[0 for i in range(q)] for j in range(p)]  
  
for i in range(p):  
 for j in range(q):  
 for k in range(n):  
 result[i][j]= result[i][j]+matrix1[i][k]\*matrix2[k][j]  
  
print(**"Result: "**)  
for i in range(p):  
 for j in range(q):  
 print(result[i][j],end=**" "**)  
 print()