row = int(input("Enter the number of rows:"))

col = int(input("Enter the number of columns:"))

matrixa = []

matrixb = []

resultmatrix = []

print("Enter the entries row wise:")

print("Enter the entries for matrix A :\n")

for i in range(row):

a = []

for j in range(col):

a.append(int(input()))

matrixa.append(a)

print(matrixa)

print("First matrix :\n")

for i in range(row):

for j in range(col):

print(format(matrixa[i][j],"<3"), end=" ")

print()

print("Enter entries for matrix B:\n")

for i in range(row):

a = []

for j in range(col):

a.append(int(input()))

matrixb.append(a)

print("Second matrix is:\n")

for i in range(row):

for j in range(col):

print(format(matrixb[i][j],"<3"), end=" ")

print()

for i in range(row):

a = []

for j in range(col):

a.append(matrixa[i][j] + matrixb[i][j])

resultmatrix.append(a)

print("Addition of both matrix is:\n")

for i in range(row):

for j in range(col):

print(format(resultmatrix[i][j],"<3"), end=" ")

print()