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```
A = [[6, 4, 6, 3, 8, 10, 7, 9], [7, 4, 2, 2, 3, 2, 9, 4], [10, 2, 2, 5, 2, 6, 2, 1], [1, 5, 7, 7, 8, 9, 8, 8], [8, 1, 1, 4, 10, 9, 6, 5], [1, 4, 1, 4, 9, 3, 10, 2], [3, 2, 1, 8, 10, 3, 5, 9], [1, 10, 10, 9, 4, 7, 2, 1]]
B = [[2, 1, -1], [-2, -1, 1], [0, 1, -1]]
def IMPRIMIR(Matriz):
    for i in range(0,len(Matriz)):
        for j in range(0,len(Matriz[i])):
            print(Matriz[i][j],end="\t")
        print()
    return
IMPRIMIR(A)
print()
def dimensiones(Matriz):
    matrizN=[]
    for i in range(len(Matriz)):
        matrizN.append([0]*len(Matriz))
    for j in range(0,len(matrizN)):
        for jj in range(0,len(matrizN[j])):
            print(matrizN[j][jj],end="\t")
        print()
    return
dimensiones(A)
def dosfunciones(A,B):
    C=[]
    a=[]
    for i in range(len(A)):
        a.append(A[i][i])
        total = 0
        for i in a:
            total+=i
    print(a)
    b=[]
    for i in range(len(B)):
        b.append(B[i][i])
        total2 = 0
        for i in a:
            total2+=i
    print(b)
    todo=a*b
    for i in range(0,len(A)):
        for j in range(len(B)):
            C.append(A[i][i]*B[j][j])
    print(C)

dosfunciones(A,B)
```

```
def selectionSort(lista,n,j,menor):
    if i == n:
        i = menor
    else:
        if lista[i] == lista [n] or lista[i]<lista[n]:
```

```
            menor = i
    return selectionSort(lista,n+1,j,menor)
```