Programming assignment 7

Assembly line

Input (Standard input)

In first line, the integer N is given, which means the number of station ($1 \leq N \leq 100$).

In second line, the two integers e_1, e_2 are given ($1 \leq e_i \leq 100$).

In third line, the two integers x_1, x_2 are given.

In fourth line, the N integers $a_{1,1}$, $a_{1,2}$, $\cdots$, $a_{1,n}$ are given ($1 \leq a_{1,j} \leq 100$).

In fifth line, the N integers $a_{2,1}$, $a_{2,2}$, $\cdots$, $a_{2,n}$ are given ($1 \leq a_{2,j} \leq 100$).

In sixth line, the N integers $t_{1,1}$, $t_{1,2}$, $\cdots$, $t_{1,n-1}$ are given ($1 \leq t_{1,j} \leq 100$).

In seventh line, the N integers $t_{2,1}$, $t_{2,2}$, $\cdots$, $t_{2,n-1}$ are given ($1 \leq t_{2,j} \leq 100$).

Output (Standard output)

In first line, print the fastest assembly time.

In the next N line, print each process. Print with the output form given below:

Print the ith line's jth station as 'i j', and print as increasing order of the station.

[Example]

Sample Input	Sample Output
6 2 4 3 2 7 9 3 4 8 4 8 5 6 4 5 7 2 3 1 3 4 2 1 2 2 1	38 1 1 2 2 1 3 2 4 2 5 1 6

Description

1. File name must be Assembly_line.cpp

2. Make a comment of your student ID, name and class in the first line of the source code.

ex) 2014601028_Honggildong_A

3. Please keep the source code that you have submitted for some unexpected accident.