

Part6

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Part7

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AOJ 2254 Fastest Route

You've found the game, and want to clear it.

There are N stage in this game. You can clear them in arbitrary order.

If you clear the i -th stage, you get the i -th equipment.

Once you get, you can use this in any stage many times.

For i -th stage numbered $1, 2, \dots, N$,

- If you don't use any equipments, you spent times t_{i0} to clear this stage.
- If you use j -th equipments, you spent times t_{ij} to clear this stage.

Please minimize the time to clear all stage.

Supplement of AOJ

- The input of this problem is different from AtCoder's.
- Template is here.

```
int solve(int N)
{
    // You write a program to solve here.
}

int main()
{
    int N;
    cin >> N
    while (cin >> N, N) {
        cout << solve(N) << endl;
    }
    return 0;
}
```

ABC 006 D トランプ挿入ソート

There are N cards, numbered $1, 2, \dots, N$.

You can perform this operation on cards:

- **Operation:** Remove a card, and insert it in arbitrary position.

Minimize the number of operation to make cards in ascending order.