

Typescript

Here I will display the valid input of each program.

LCM

- Valid input

```
//input
./LCM 4

//output
Larry is digging now!
Larry has dug 1 holes.
Larry is digging now!
Moe is seeding now!
Moe has seeded 1 holes.
Larry has dug 2 holes.
Larry is digging now!
Moe is seeding now!
Larry has dug 3 holes.
Larry is digging now!
Larry has dug 4 holes.
Moe has seeded 2 holes.
Moe is seeding now!
Larry: OFF DUTY!
Curly is filling now!
Curly has filled 1 holes.
Curly is filling now!
Curly has filled 2 holes.
Moe has seeded 3 holes.
Moe is seeding now!
Curly is filling now!
Moe has seeded 4 holes.
Moe: OFF DUTY!
Curly has filled 3 holes.
Curly is filling now!
Curly has filled 4 holes.
Curly: OFF DUTY!
```

- Invalid input

```
//input
./LCM

//output
Invalid input!
```

faneuil

- Invalid input

The program will not stop until you type in `Ctrl + c`

```
//input
./faneuil

//output
Spectator #0 enter
Spectator #0 spectate
Immigrant #0 enter
Immigrant #0 checkIn
Spectator #0 leave
Immigrant #0 sitDown
Spectator #1 enter
Spectator #1 spectate
Spectator #1 leave
Immigrant #1 enter
Immigrant #1 checkIn
Judge #0 enter
Immigrant #1 sitDown
Judge #0 confirm the immigrant #0
Immigrant#0 getCertificate
Judge #0 confirm the immigrant #1
Judge #0 leave
Immigrant#1 getCertificate
Immigrant #1 leave
Immigrant #0 leave
Immigrant #2 enter
Immigrant #2 checkIn
Judge #1 enter
Immigrant #2 sitDown
Judge #1 confirm the immigrant #2
Immigrant#2 getCertificate
Judge #1 leave
Immigrant #3 enter
Immigrant #2 leave
Judge #2 enter
Immigrant #3 checkIn
Immigrant #3 sitDown
Judge #2 confirm the immigrant #3
Immigrant#3 getCertificate
Judge #2 leave
Immigrant #4 enter
Immigrant #3 leave
Spectator #2 enter
Spectator #2 spectate
Immigrant #4 checkIn
Immigrant #4 sitDown
Spectator #2 leave
Judge #3 enter
Judge #3 confirm the immigrant #4
Judge #3 leave
Immigrant#4 getCertificate
Immigrant #4 leave
Immigrant #5 enter
Immigrant #5 checkIn
```

Immigrant #5 sitDown
Immigrant #6 enter
Immigrant #6 checkIn
Immigrant #6 sitDown
Immigrant #7 enter
Immigrant #7 checkIn
Immigrant #7 sitDown
Immigrant #8 enter
Immigrant #8 checkIn
Immigrant #8 sitDown
Spectator #3 enter
Spectator #3 spectate
Spectator #3 leave
Spectator #4 enter
Spectator #4 spectate
Spectator #4 leave
Judge #4 enter
Judge #4 confirm the immigrant #5
Judge #4 confirm the immigrant #6
Immigrant#6 getCertificate
Immigrant#5 getCertificate
Judge #4 confirm the immigrant #7
Judge #4 confirm the immigrant #8
Immigrant#7 getCertificate
Judge #4 leave
Immigrant #6 leave
Immigrant#8 getCertificate
Immigrant #5 leave
Immigrant #7 leave
Judge #5 enter
Judge #5 leave
Immigrant #8 leave
Immigrant #9 enter
Immigrant #9 checkIn
Immigrant #9 sitDown
Spectator #5 enter
Spectator #5 spectate
Immigrant #10 enter
Spectator #5 leave
Immigrant #10 checkIn
Immigrant #10 sitDown
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