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Last login: Tue Apr 21 14:01:01 on ttys000

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
Tharuns-MacBook-Pro:~ tharun$ cd Downloads/
Tharuns-MacBook-Pro:Downloads tharun$ cd Tharun_OS_lab/
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ ls
Kitchen$Cook.class     Machine.java        Orders.java          Schedule.class        Tables.class          Timingscs.java          input-4.txt
Kitchen.class          Order.class         Restaurant.class     Schedule.java         Tables.java           input-1.txt
Kitchen.java           Order.java          Restaurant.java      Table.class           Timingscs$1.class     input-2.txt
Machine.class          Orders.class        Schedule$Diner.class Table.java            Timingscs.class       input-3.txt
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Restaurant.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Machine.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Order.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Orders.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Timingscs.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Table.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Tables.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Kitchen.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ javac Schedule.java
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ java Restaurant input-1.txt
Burger ready!
Fries ready!
Coke ready!

Input:
2
2
1
1,1,0,0
2,1,1,1


Output:
[1] Diner-0 arrives
[1] Diner-0 is seated at Table-0
[1] Diner-0's order will be processed by Cook0
[1] Cook0 takes the machine for Burger machine
[2] Diner-1 arrives
[2] Diner-1 is seated at Table-1
[6] Diner  0's food is ready. Diner-0 starts to eat.
[6] Diner-1's order will be processed by Cook0
[6] Cook0 takes the machine for Burger machine
[11] Diner-1's order will be processed by Cook0
[11] Cook0 takes the machine for Fries machine
[14] Diner-1's order will be processed by Cook0
[14] Cook0 takes the machine for Coke machine
[15] Diner  1's food is ready. Diner-1 starts to eat.
[36] Diner-0 finishes eating.Diner-0 leaves the restaurant
[45] Diner-1 finishes eating.Diner-1 leaves the restaurant
Last diner has left and the restaurant is to be closed.
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ java Restaurant input-2.txt
Burger ready!
Fries ready!
Coke ready!

Input:
2
1
5
1,1,0,0
2,1,1,1


Output:
[1] Diner-0 arrives
[1] Diner-0 is seated at Table-0
[1] Diner-0's order will be processed by Cook0
[1] Cook0 takes the machine for Burger machine
[2] Diner-1 arrives
[6] Diner  0's food is ready. Diner-0 starts to eat.
[36] Diner-0 finishes eating.Diner-0 leaves the restaurant
[36] Diner-1 is seated at Table-0
[36] Diner-1's order will be processed by Cook4
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[36] Cook4 takes the machine for Burger machine
[41] Diner-1's order will be processed by Cook4
[41] Cook4 takes the machine for Fries machine
[44] Diner-1's order will be processed by Cook4
[44] Cook4 takes the machine for Coke machine
[45] Diner  1's food is ready. Diner-1 starts to eat.
^[[A[75] Diner-1 finishes eating.Diner-1 leaves the restaurant
Last diner has left and the restaurant is to be closed.
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ java Restaurant input-3.txt
Burger ready!
Fries ready!
Coke ready!

Input:
2
2
2
1,1,0,0
3,1,1,0


Output:
[1] Diner-0 arrives
[1] Diner-0 is seated at Table-0
[1] Diner-0's order will be processed by Cook0
[1] Cook0 takes the machine for Burger machine
[3] Diner-1 arrives
[3] Diner-1 is seated at Table-1
[3] Diner-1's order will be processed by Cook1
[3] Cook1 takes the machine for Fries machine
[6] Diner-1's order will be processed by Cook1
[6] Cook1 takes the machine for Burger machine
[6] Diner  0's food is ready. Diner-0 starts to eat.
[11] Diner  1's food is ready. Diner-1 starts to eat.
[36] Diner-0 finishes eating.Diner-0 leaves the restaurant
[41] Diner-1 finishes eating.Diner-1 leaves the restaurant
Last diner has left and the restaurant is to be closed.
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$ java Restaurant input-4.txt
Burger ready!
Fries ready!
Coke ready!

Input:
6
6
6
1,3,0,1
2,1,5,0
3,2,1,1
4,3,1,0
5,1,3,0
6,2,2,1


Output:
[1] Diner-0 arrives
[1] Diner-0 is seated at Table-0
[1] Diner-0's order will be processed by Cook0
[1] Cook0 takes the machine for Burger machine
[2] Diner-1 arrives
[2] Diner-1 is seated at Table-1
[2] Diner-1's order will be processed by Cook5
[2] Cook5 takes the machine for Fries machine
[3] Diner-2 arrives
[3] Diner-2 is seated at Table-2
[3] Diner-2's order will be processed by Cook1
[3] Cook1 takes the machine for Coke machine
[4] Diner-3 arrives
[4] Diner-3 is seated at Table-3
[5] Diner-2's order will be processed by Cook1
[5] Cook1 takes the machine for Fries machine
[5] Diner-4 arrives
[5] Diner-4 is seated at Table-4
[6] Diner-5 arrives
[6] Diner-5 is seated at Table-5
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[6] Diner-0's order will be processed by Cook0
[6] Diner-3's order will be processed by Cook4
[6] Cook0 takes the machine for Coke machine
[6] Cook4 takes the machine for Burger machine
[7] Diner-5's order will be processed by Cook3
[7] Cook3 takes the machine for Coke machine
[8] Diner-1's order will be processed by Cook5
[8] Cook5 takes the machine for Fries machine
[11] Diner-0's order will be processed by Cook0
[11] Diner-4's order will be processed by Cook2
[11] Cook0 takes the machine for Burger machine
[11] Cook2 takes the machine for Fries machine
[14] Diner-3's order will be processed by Cook4
[14] Cook4 takes the machine for Fries machine
[16] Diner-1's order will be processed by Cook5
[16] Cook5 takes the machine for Burger machine
[17] Diner-5's order will be processed by Cook3
[17] Cook3 takes the machine for Fries machine
[20] Diner-4's order will be processed by Cook2
[20] Cook2 takes the machine for Fries machine
[21] Diner-3's order will be processed by Cook4
[21] Cook4 takes the machine for Burger machine
[23] Diner-1's order will be processed by Cook5
[23] Cook5 takes the machine for Fries machine
[26] Diner-4's order will be processed by Cook2
[26] Diner-2's order will be processed by Cook1
[26] Cook2 takes the machine for Fries machine
[26] Cook1 takes the machine for Burger machine
[29] Diner-1's order will be processed by Cook5
[29] Cook5 takes the machine for Fries machine
[31] Diner-5's order will be processed by Cook3
[31] Cook3 takes the machine for Burger machine
[32] Diner-1's order will be processed by Cook5
[32] Cook5 takes the machine for Fries machine
[35] Diner  1's food is ready. Diner-1 starts to eat.
[36] Diner-5's order will be processed by Cook3
[36] Diner-4's order will be processed by Cook2
[36] Cook3 takes the machine for Fries machine
[36] Cook2 takes the machine for Burger machine
[41] Diner-5's order will be processed by Cook3
[41] Diner  4's food is ready. Diner-4 starts to eat.
[41] Cook3 takes the machine for Burger machine
[46] Diner-2's order will be processed by Cook1
[46] Diner  5's food is ready. Diner-5 starts to eat.
[46] Cook1 takes the machine for Burger machine
[51] Diner-0's order will be processed by Cook0
[51] Diner  2's food is ready. Diner-2 starts to eat.
[51] Cook0 takes the machine for Burger machine
[56] Diner-3's order will be processed by Cook4
[56] Diner  0's food is ready. Diner-0 starts to eat.
[56] Cook4 takes the machine for Burger machine
[61] Diner  3's food is ready. Diner-3 starts to eat.
[65] Diner-1 finishes eating.Diner-1 leaves the restaurant
[71] Diner-4 finishes eating.Diner-4 leaves the restaurant
[76] Diner-5 finishes eating.Diner-5 leaves the restaurant
[81] Diner-2 finishes eating.Diner-2 leaves the restaurant
[86] Diner-0 finishes eating.Diner-0 leaves the restaurant
[91] Diner-3 finishes eating.Diner-3 leaves the restaurant
Last diner has left and the restaurant is to be closed.
Tharuns-MacBook-Pro:Tharun_OS_lab tharun$
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