

Judge Packet



Contest participants should return this packet directly to your judge if found (without opening it)

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Practice Problem

Judge Input:

```
4
Dominos
Animalogic
4 Square
a game, Batman
```

Judge Output:

```
Let's play Dominos!
Let's play Animalogic!
Let's play 4 Square!
Let's play a game, Batman!
```

Bopscotch

Input file: bopscotch.dat

Judge Input:

4
2
3
4
15

Judge Output:

```
/ 2 \  
\ 1 /  
  
/ 3 \  
 [2]  
\ 1 /  
  
/ 4 \  
 [3]  
 [2]  
\ 1 /  
  
/ 15 \  
 [14]  
 [12][13]  
 [11]  
 [9][10]  
 [8]  
 [6][7]  
 [5]  
 [3][4]  
 [2]  
\ 1 /
```

Card Sort

Judge Input:

3
diamond 2, diamond 7, club 7, heart Q, spade 7
spade K
heart J, club A, diamond J, spade 5, diamond 5, diamond 2

Judge Output:

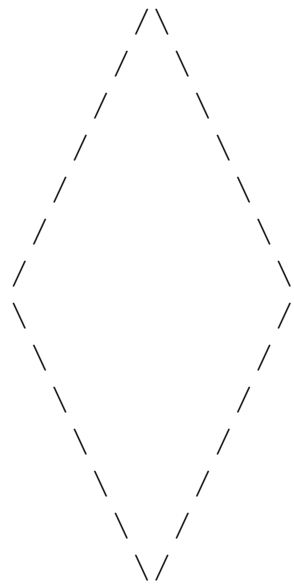
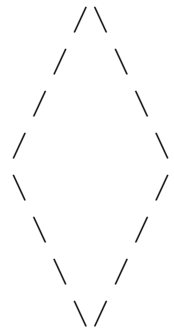
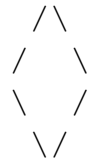
club 7, diamond 2, diamond 7, heart Q, spade 7
spade K
club A, diamond 2, diamond 5, diamond J, heart J, spade 5

Chaseball

Judge Input:

3
2
4
7

Judge Output:



Chest

Judge Input:

4

D3

D8

H1

B2

Judge Output (see next page):

Judge Output:

```
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
- - ? - ? - - -  
- ? - - - ? - -  
- - - K - - - -  
- ? - - - ? - -  
- - ? - ? - - -  
  
- - - K - - - -  
- ? - - - ? - -  
- - ? - ? - - -  
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
  
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
- - - - - - ? -  
- - - - - ? - -  
- - - - - - - K  
  
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
- - - - - - - -  
? - ? - - - - -  
- - - ? - - - -  
- K - - - - - -  
- - - ? - - - -
```


Clock-Paper-Scissors

Judge Input:

6
1 1 1
1 0 1
0 1 1
0 1 0
0 0 1
0 0 0

Judge Output:

Player 1
Player 1
Player 1
Player 2
Player 2
Player 2

Game Reviews

Judge Input:

```
10
Wowza--Me, GAME B, 3
Sam, GAME A, 0
Sam2, GAME B, 0
Molly, Pears To Pears, 0
Bob, Pears To Pears, 1
LouisTheHuman, GAME B, 5
Sam, GAME B, 2
Molly, GAME B, 3
Leet, Super Luigi World, 5
Sam, Ring Toss, 3
```

Judge Output:

```
GAME A gets 0.0 stars
GAME B gets 2.6 stars
Pears To Pears gets 0.5 stars
Ring Toss gets 3.0 stars
Super Luigi World gets 5.0 stars
```

Gorf

Judge Input:

```
4
-1 1 0
-20 100 -33
-0.002 1 -33.5
-0.1 4 -1.3
```

Judge Output:

```
1.0
4.3
427.8
39.3
```

Go Salmon

Judge Input:

11

K 2

J J

7 7

10 10

A A

Q Q

7 9

A Q

J K

A 5

2 10

Judge Output:

GO SALMON

PAIR

PAIR

PAIR

PAIR

PAIR

GO SALMON

GO SALMON

GO SALMON

GO SALMON

GO SALMON

Invaders

Judge Input:

7

Everett : 6000

Redmond : 1999

Bainbridge Island : 1010

Bellevue : 14001

Atlantis : 25555

CITY X3 : 24000

Juno : 220000

Judge Output:

Day 1

Rate: 1000 Miles Per Day

Day 2

Rate: 1000 Miles Per Day

Bainbridge Island has fallen!

Redmond has fallen!

Day 3

Rate: 4000 Miles Per Day

Everett Has fallen!

Day 4

Rate: 8000 Miles Per Day

Day 5

Rate: 8000 Miles Per Day

Bellevue has fallen!

Day 6

Rate 16000 Miles Per Day

CITY X3 has fallen!

Atlantis has fallen!

Day 7

Rate 64000 Miles Per Day

Day 8

Rate 64000 Miles Per Day

Day 9

Rate 64000 Miles Per Day

Juno has fallen!

The aliens have taken over!

Last One Standing

Judge Input:

6
3
Bianca tagged Alison
Bianca tagged Bree
Cameron tagged Cameron
2
Dan tagged Q
Q tagged Lucy
2
Dan tagged Fiona
Rachel tagged Fiona
1
Sara tagged Jane
7
MJ tagged Jane
Ella tagged Sara
Ella tagged Blue
MJ tagged Sam
MJ tagged Ella
MJ tagged Blue
MJ tagged Sara
6
MJ tagged Jane
Ella tagged Sara
Ella tagged Blue
MJ tagged Sam
MJ tagged Ella
MJ tagged Blue

Judge Output (see next page):

Judge Output:
INVALID GAME

INVALID GAME

INVALID GAME

VALID GAME
Winner: Sara

VALID GAME
Winner: MJ

VALID GAME
Unfinished

Nomopoly

Judge Input:

```
3
Davies Drive
$99.00
5
the Paul G. Allen Center
$1000.00
0
THE AVE
$0.00
10
```

Judge Output:

```
If someone lands on Davies Drive, they will owe me $5708.
If someone lands on the Paul G. Allen Center, they will owe
me $1000.
If someone lands on THE AVE, they will owe me $0.
```


Pac-Dude

Judge Input:

```
4
6 6
#####
#O...#
####.#
#X..G#
#G...#
#####
8 8
#####
#O.....#
####.###
#X.#.#.#
#.#.#.#.#
##.G.#G#
#.....#
#####
8 8
#####
#O.....#
####.###
#...#.#
##.#G#.#
##.#.#G#
#X.....#
#####
6 6
#####
#O...#
#.####
#.G..#
#.G.X#
#####
```

Judge Output (see next page):

Judge Output:

UH-OH!

NOM-NOM

```
#####  
#      . . #  
####  ###  
#O # # . #  
## # # . #  
## G #G#  
# .      . . #  
#####
```

NOM-NOM

```
#####  
#      . . #  
####  ###  
# .      # . #  
## #G# . #  
## # . #G#  
#O . . . . #  
#####
```

UH-OH!

Pokey

Judge Input:

```
10
8 2 3 4 8
7 8 8 6 K
7 8 9 10 10
7 4 8 4 4
4 4 4 4 7
9 10 J Q K
4 5 6 7 8
Q K A 2 3
6 6 J J J
8 3 8 3 8
```

Judge Output:

```
PAIR
PAIR
PAIR
TRIPLE
TRIPLE
STRAIGHT
STRAIGHT
ZILCH
FULL HOUSE
FULL HOUSE
```

Power To Luigi

Judge Input:

4

We want Mario to win!

12345 abcde testing testing

Mario's new catchphrase is featured in Mario Galaxy 360.

MarioMarioMario

Judge Output:

We want Luigi to win!

12345 abcde testing testing

Luigi's new catchphrase is featured in Luigi Galaxy 360.

LuigiLuigiLuigi

Red Light Green Light

Judge Input:

6
0 0
0 10
10 0
4 3
21.56 7.7
1.111111 9.999999

Judge Output:

0.00
0.00
0.00
12.00
166.01
11.11

Sammy Says

Judge Input:

```
6
Sammy says RUN
Sally says sing
Sammy says dance
Sammy says tap your nose 3 times
Sammy wants you to fall over
Sammy doesn't know what he wants
```

Judge Output:

```
RUN
dance
tap your nose 3 times
```

Scavenger Hunt

Judge Input:

```
0 2 2 2 0 0 0 0
0 2 0 2 2 0 0 0
0 2 0 0 2 2 2 0
0 2 0 0 0 0 2 0
0 2 1 0 0 0 2 0
0 2 2 2 2 0 1 0
0 1 1 0 2 2 2 2
0 0 0 0 0 0 0 0
```

Judge Output:

```
    2 2 0 0 0 0
0    0 2 2 0 0 0
0    0 0 2 2 2 0
0    0 0 0 0 2 0
0    1 0 0 0 2 0
0           0 1 0
0 1 1 0
0 0 0 0 0 0 0
26 points collected!
```

Tacks

Judge Input:

10
Sara 3
Bill 3
Lenny 5
Jack 6
Barney 4
Briar 7
Rose 4
Ali 7
Sam 6
Simon 4

Judge Output:

Ali wins with 7 tacks.

Toe Tic Tac

Judge Input: None

Judge Output:

```
\ / * \ / * /\
/\ * /\ * \ /
*****
/\ * \ / * \ /
\ / * /\ * /\
*****
\ / * /\ * /\
/\ * \ / * \ /
```

Word Find

Judge Input:

```
7
dog
cat
doge
houndog
whale
alpaca
crow
d o g c a t x x a b
x y q r l d f e z x
a b c o p o i a z a
d e f w a q r g d f
q r s t c l u l k k
b j w h a l e a v a
z i j m n q o p r s
a l k o p y w q s v
w h o u n d o g e s
s j k p i w q s d f
```

Judge Output:

```
0 0
3 0
5 8
1 8
2 5
4 0
3 0
```