**1. Game, Set, Match**

**Judges Input File**

13

^^^SP

000TP

~~~NP

^^^SR

~~TR

0NR

^^^SP

000SB

~~TP

~NG

~~TR

~~~NG

~SR

~SR

~SR

0SR

~~NP

^^^TG

0SR

~NP

^^^TG

^^TR

^^^TG

~NG

~TG

~~TG

~~~TG

~TG

00SR

~~~TG

~SR

^SR

0SR

~TG

^^TG

000TG

00SG

^^SG

00SG

**Judges Output**

SET

SET

NOT

NOT

SET

SET

NOT

NOT

SET

NOT

SET

SET

NOT

**2. Mom, Send Money**

**Judges Input File**

14

4 0 2 3 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0

1 2 3 4 5 6 7 8 9 10 11 12 13

4 0 2 3 10 10 2 1 2 1 10 1 100

10 10 10 10 5 5 5 5 2 2 2 2 1

1 1 1 1 1 1 1 1 1 1 1 1 1

1000 1000 1000 1000 1000 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 13

1 2 3 4 5 6 7 8 9 10 11 12 13

0 0 0 0 1 0 0 0 0 0 0 0 0

1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000

99999 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 999 999 0 0 0 0 0 0

0 0 0 0 0 10000 10000 10000 10000 10000 10000 10000 10000

**Judges Output**

0

0

2297

10289

296

189

910

1300

2297

0

189910

999

1998

1890000

**3. Smells Like Teen Spirit**

**Judges Input File**

22

6 4

3\*|\*

\*-|\*

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\*-|\*

2\*\*0

\*|\*\*

1 17

9\*\*\*\*\*\*101\*\*\*\*\*\*8

8 10

\*\*|\*\*\*3\*|\*

\*\*3\*\*\*3\*|\*

\*\*|0\*\*--|\*

\*7|1\*\*|\*|\*

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-----\*\*\*98

7 7

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\*\*\*5\*\*\*

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6 7

9|\*6\*|9

\*|\*|\*|\*

\*|\*|\*|\*

\*|\*|\*|\*

\*|\*|\*|\*

0\*\*|\*\*\*

1 1

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1 1

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1 1

9

1 1

0

1 10

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1 10

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1 10

9999999999

1 10

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5 5

3\*\*\*3

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3\*\*\*3

21 21

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5 5

9\*\*\*9

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9\*\*\*9

6 10

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\*4\*|\*45|\*\*

\*01|\*54|\*\*

\*\*\*|\*\*\*|\*\*

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\*\*9|\*9\*|\*\*

6 6

9----9

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9----9

6 6

99|\*|\*

99|\*|\*

99|\*|\*

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11 15

9\*9\*9\*9\*9\*9\*9\*9

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11 15

9|9|9|9|9|9|9|9

|9|9|9|9|9|9|9|

9|9|9|9|9|9|9|9

|9|9|9|9|9|9|9|

9|9|9|9|9|9|9|9

|9|9|9|9|9|9|9|

9|9|9|9|9|9|9|9

|9|9|9|9|9|9|9|

9|9|9|9|9|9|9|9

|9|9|9|9|9|9|9|

9|9|9|9|9|9|9|9

6 7

\*|\*\*\*|\*

\*|\*|\*|\*

\*|\*|9|\*

\*|\*|0|\*

\*|\*|8|\*

\*\*\*|\*\*\*

**Judges Output**

2 7

5 0

36 10

0 4

7 0

0 1

0 0

0 0

0 0

0 0

0 0

10 0

0 10

16 1

0 260

25 0

16 10

0 0

6 19

165 0

0 0

16 7

**4. :( Numbers, :) Numbers**

**Judges Input File**

NONE

**Judges Output**

44

694

3317

6899

13141

**5. Hint, Hint!! (AKA, Not Quite a Quine)**

**Judges Input File**

NONE

**Judges Output**

import java.io.\*;

import java.util.\*;

public class template {

 public static void main(String[] args) throws IOException{

 Scanner s = new Scanner(new File("hint.dat"));

 int numSets = s.nextInt();

 s.nextLine();

 for(int i = 1; i <= numSets; i++){

 //do stuff for data set

 }

 s.close();

 }

}

**6. Mariposa Mexico or Bust**

**Judges Input File**

17

6

-4 -10 6 -3 -2 0

7

-3 4 -2 4 2 1 -3

1

12

1

-10

5

100 200 0 100 350

7

-50 -40 -100 -60 -65 -40 -10000

10

0 0 5 1 0 6 0 12 0 3

5

0 0 0 0 0

11

-10 130 -100 200 10 20 5 1 -100 -200 50

4

100 100 100 100

7

1 2 4 8 16 32 64

15

1 2 4 8 16 32 64 128 64 32 16 8 4 2 1

15

1 2 -4 8 -16 32 64 -128 -64 32 16 -8 -4 2 1

5

0 -1 0 0 -1

5

-1 -1 0 -1 -1

5

-1 -1 1 -1 -1

7

-100 -100 -200 -300 -500 -50 -100

 **Judges Output**

6

9

12

-10

750

-40

27

0

266

400

127

382

96

0

0

1

-50

**7. How We Miss You, Colt McCoy**

**Judges Input File**

12

Garrett Gilbert

7

13

4

INC

INC

INC

INC

7

Colt McCoy

18

21

INC

17

INC

3

22

INC

INC

4

INT

2

7

24

INC

6 TD

8

20 TD

7

Case McCoy

0

Vince Young

9

-9

INT

INT

INC

INT

45

7 TD

INT

INC

John Elway

3

99 TD

99 TD

99 TD

Tim Tebow

3

-99

-99

-99

Jim Kelly

3

INT

INT

INT

Roger Starbach

5

5

10

20

7

17 TD

Big Ben

5

0

0

0

0

0

Tom terrific

5

-2

-4

INT

INT

INC

Little Manning

3

INC

INC

INC

Joe Nobody

0

**Judges Output**

Garrett Gilbert 72

Colt McCoy 158

Case McCoy NO RATING

Vince Young 21

John Elway 1262

Tim Tebow -732

Jim Kelly -200

Roger Starbach 265

Big Ben 100

Tom terrific -50

Little Manning 0

Joe Nobody NO RATING

**8. One in a Million**

**Judges Input File**

12

1

%^%^%^%%\*\*&&\*&^\*!\*&&&^\*\*\*&&\*&&^^%%&\*!\*&&:\*\*&&&\*^^^&\*^^%

2

9812738127381273892173987123981726728728377918728273919198723872981723897219892732871872873737382282918273813g1298312123912839812238123gggg193912390218390892833912830129380120109182398912398j1238192392139123981293812983980812903j128390128390j12398091283090

3

AAAAAABAAAAAAAAAAAAAAAAAA

4

kasjsdlkasjdlkasjdlkasjdlkasjsjkdlj8lasd;lkasdl;kasd;kasl;dl;assdsk;laskd;lsakdlkassdlkaslskd8;asld';asld'asld';sald8;la;sdl;asld9as;das;dlas';dl'asdl';asldB;ald';asld';asld';asld';asld';asld';lasd;aslsds';lpa;sdla's;dla'sld';sald';sald'as;dl';sald;'sald;lsadplas';ld'as;dl'as;ld';ld'as;dl';saldva'sd;l'sal;d';asld';sald';sald';lasd;asd;asl;dsa'lsa';dla;lsd

5

abcdefg

6

abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ

7

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8

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9

aaaabbbabbababbababababbabbbabbabbbabba

10

UTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUT

11

q

12

jjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjfjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjj5jjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjj\*jjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjj.

**Judges Output**

data set 1, 2:!:

data set 2, 3:6gj

data set 3, 0:

data set 4, 6:89Bjpv

data set 5, 0:

data set 6, 52:ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz

data set 7, 0:

data set 8, 3:"f~

data set 9, 0:

data set 10, 0:

data set 11, 0:

data set 12, 4:\*.5f

**9. To Ride or Not to Ride**

**Judges Input File**

12

110 10 NORAIN ALONE

50 16 RAIN ALONE

70 19 RAIN GROUP

-100 0 NORAIN GROUP

130 23 NORAIN GROUP

110 6 NORAIN ALONE

70 6 RAIN ALONE

30 18 NORAIN ALONE

30 18 RAIN ALONE

20 7 NORAIN GROUP

50 12 NORAIN ALONE

111 7 RAIN GROUP

**Judges Output**

data set 1: RIDE

data set 2: GYM

data set 3: RIDE

data set 4: GYM

data set 5: GYM

data set 6: RIDE

data set 7: RIDE

data set 8: RIDE

data set 9: GYM

data set 10: RIDE

data set 11: RIDE

data set 12: GYM

**10. Casey at the Bat**

**Judges Input File**

18

WWWWWW

HHHHHH

OOOOOSOOOSOOWWOOOSOOOODOOOOSOOOWOWOWWOOOHOOOOSOOOWOO

SODOOOSOOWOOSOOSOODOOTOOOOHOOOOOTHSHDTHWOOOSSDDTTHHW

OOOOOOWOOOOWOOOWOOWOWOOO

W

OOOOOOOOOOO

S

OSDTHW

D

T

O

TOOOOSOOOODOOOWWOOOOHOOOOSOOOOWOOSTHOOWSD

DDDDDD

OOOOOSSSSDDDTTHWW

OOOSOOOSOOOSOOSOODOTOTOHOHOHSOSOSDOOODOOOSOOODOOOTOOHWOOO

OOOOOSOOOOODOOOOOOSOOOOODOOOOOOOTOOOOOOWOOOOOWOOOOTOOOOOOOSOOOOOOOOOOOOSOOOOOOOOOOTOOOOOOOOSOOOOOHOOOO

OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDTHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW

**Judges Output**

NONE

4.000

0.244

1.143

0.000

NONE

0.000

1.000

2.000

2.000

3.000

0.000

0.595

2.000

1.333

0.732

0.220

0.596

**11. No Vuvuzelas Required**

**Judges Input File**

13

USA 1 ENGLAND 1

ENGLAND 1 SOUTHAFRICA 1

USA 1 IRAN 1

SOUTHAFRICA 1 IRAN 1

ENGLAND 1 IRAN 1

SOUTHAFRICA 1 USA 1

BRAZIL 3 SPAIN 1

IRAQ 5 FRANCE 2

FRANCE 1 BRAZIL 3

BRAZIL 3 IRAQ 0

SPAIN 2 IRAQ 2

SPAIN 4 FRANCE 4

SOUTHAFRICA 5 MEXICO 4

URAGUAY 3 FRANCE 0

SOUTHAFRICA 2 URAGUAY 2

FRANCE 0 MEXICO 2

MEXICO 0 URAGUAY 1

FRANCE 2 SOUTHAFRICA 4

ARGENTINA 1 NIGERIA 0

ENGLAND 1 SWEDEN 1

SWEDEN 2 NIGERIA 1

ARGENTINA 0 ENGLAND 1

SWEDEN 1 ARGENTINA 1

NIGERIA 0 ENGLAND 0

ITALY 5 SOUTHKOREA 4

ITALY 2 RUSSIA 0

SOUTHKOREA 2 RUSSIA 0

ITALY 1 IRAN 2

SOUTHKOREA 2 IRAN 1

IRAN 0 RUSSIA 0

ENGLAND 1 USA 1

ALGERIA 0 SLOVENIA 1

SLOVENIA 2 USA 2

ENGLAND 0 ALGERIA 0

SLOVENIA 0 ENGLAND 1

USA 1 ALGERIA 0

PARAGUAY 2 SOUTHAFRICA 2

SPAIN 3 SLOVENIA 1

SPAIN 3 PARAGUAY 1

SOUTHAFRICA 1 SLOVENIA 0

SOUTHAFRICA 2 SPAIN 3

SLOVENIA 1 PARAGUAY 3

A 2 C 1

S 0 N 1

A 6 S 0

N 2 C 1

N 0 A 0

C 3 S 2

A 4 G 0

N 3 B 0

A 2 N 1

G 0 B 4

A 0 B 2

G 0 N 2

I 0 R 1

N 1 M 0

I 1 N 0

M 2 R 1

I 1 M 1

R 0 N 0

B 1 M 0

N 2 S 1

S 2 M 1

B 1 N 0

B 0 S 1

M 1 N 2

A 3 B 0

A 3 C 0

A 3 D 0

B 0 C 0

B 0 D 0

C 0 D 0

A 1 B 1

A 1 C 0

A 1 D 0

B 1 C 0

B 1 D 0

C 0 D 0

**Judges Output**

data set 1: UNRESOLVED

data set 2: BRAZIL

data set 3: URAGUAY

data set 4: SWEDEN

data set 5: ITALY

data set 6: USA

data set 7: SPAIN

data set 8: A

data set 9: N

data set 10: M

data set 11: N

data set 12: A

data set 13: UNRESOLVED

**12. Lighting the Tower**

**Judges Input File**

NONE

**Judges Output**

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