

TeamsCode Judges Data

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Sample Problem

Input:

4

ABCBCABCABT

ACBCBCABCBAB

WCBBACAACBABC

ABCDCA

Output:

T

None

W

D

Inspirational Message

Input:

5

We

Really

Love

Coding

Everyday

Output:

/-----\
|

| *!We!*\

| *!Really!*\

| *!Love!*\

| *!Coding!*\

| *!Everyday!*\

| \-----/
|

Distance to Shore

Input:

3

C 30.1 B 19.5

A 33 C 55

A 1 B 1

Output:

22

44

1

Triangle Creator

Input:

3

2

6

3

Output:

```
  /\n /--\
```

```
    /\n   /\ \
  /\  \ \
 /\    \ \
/-----\
```

```
  /\n /\ \
/-----\
```

Compound Interest

Input:

4

1500 2 0.045 10

3000 4 0.025 2

1250 10 0.08 5

15000 15 0.015 4

Output:

\$2340

\$3153

\$1861

\$15927

Texas Hold'em

Input:

4

2 9 3 10 3 K K

10 2 A A 8 2 A

9 A 10 K A 2 9

3 3 7 3 7 7 3

Output:

K K

A A A

A A

7 7 7

Find Prime

Input:

4

21 60 70

11 3 11

10 24 28

1 3 1000

Output:

2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 3721 4489 71 73

2 9 25 49 121 13 17 19 23 29 31

2 3 5 7 11 13 17 19 23 29

2

Decoder

Input:

9 27 18 5 1 12 12 25 27 12 15 22 5 27 20 15 27 4 15 27 16 18 15 7 18 1 13 13
9 14 7 27 3 15 13 16 5 20 9 20 9 15 14 19 28

Output:

i really love to do programming competitions.

Best Football Team

Input:

10

Falcons Seahawks

Patriots Eagles

Seahawks Eagles

Thunderstorm Patriots

Emperors Seahawks

Ice Falcons

Aston Pacers

Patriots Eagles

Greenbaum Aston

Ice Stanford

Output:

Falcons 1/1

Seahawks 1/2

Patriots 2/1

Eagles 0/3

Thunderstorm 1/0

Emperors 1/0

Ice 2/0

Aston 1/1

Pacers 0/1

Greenbaum 1/0

Stanford 0/1

Changing a 2D Array

Input:

```
4 6
7 35 89 15
3 82 19 0
71 20 9 9
1 21 66 71
0 1 9 5
66 28 9 1
```

Output:

```
7 35 89 3
9 82 19 0
71 3 81 81
1 441 4356 71
0 1 81 1
4356 28 81 1
```

Pattern Sequence

Input:

4

1 2 1 0 9 1 0 8 2 1 8 1 2 1 0 2 9 3 5 8

10 7 9 10 7 9 3 2 1 0 1 1 0 9 2 1 1 8 10 7

0 2 4 7 8 4 7 4 7 8 2 5 7 9 6 7 5 7 4 2

6 8 7 8 5 3 1 6 9 0 7 5 2 6 8 0 8 9 7 5

Output:

1 2 1 0

4

10 7 9

3

4 7 8

3

6 8

2

Underground Maze

Input:

2

```
#####  
#S.....#  
##.#.###  
##.###.#  
##.....#  
#####.#  
#X.....#  
#####
```

```
#####  
#.....#  
##.#.#.#  
#..#.#S#  
#.#####  
#...#.X#  
#.#...##  
#####
```

Output:

```
#####  
#  ....#  
## #.###  
## ###.#  
##      #  
##### #  
#S      #  
#####
```

```
#####  
#.      #  
## #.# #  
# #.# #  
# #####  
#  # S#  
#.#  ##  
#####
```

Road Race

Input:

16

Seattle Sacramento 13

Phoenix Dallas 15

Boise Manhattan 1

Denver Boston 20

Detroit Sacramento 16

Miami Detroit 11

Manhattan Chicago 19

Denver Chicago 17

Seattle Miami 1000

Denver Seattle 10

Manhattan Dallas 23

Boston Atlanta 9

Dallas Miami 12

Chicago Sacramento 21

Phoenix Seattle 14

Miami Boston 9

Output:

Seattle Denver Boston Miami 39

Hiking

Input:

3

9 12

7 3

10 4

4 8

2 3

6 8

3 5

8 9

5 6

7 7

10 17

2 5

5 7

4 6

3 4

Output:

23

23

33

Longest Common Sequence

Input:

4

jsglfie kjqlwilpep

qwetrytyuipo txsyvduuaimo

mkozaq fmskolwopuzagfq

qfrsgfxefw polmgbyhki

Output:

jlie

tyuio

mkozaq

g

Binary Code

Input:

4

1010 10010101

111 010111010

011101101 011001

011 110011010

Output:

Possible

Impossible

Impossible

Possible