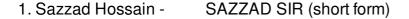
ULAB Cse Deparment

University of liberal arts and Bangladesh (ULAB) has a very strong computer science engneering department . In a University A department will be strong if those department have some good teacher . Of course ULAB CSE dept has some good teacher . In this problem you have to find the name of ULAB CSE dept teachers and how many time possible to write their names . please check the grid and Find those names .





- 2. Sifat Momen SIFAT SIR (short form)
- 3. Abul Kalam Al Azad AL AZAD SIR (short form)
- 4. T.M Abul Kalam Azad AZAD SIR (short form)
- 5. Mahmood Jasim JASIM SIR (short form)
- 6. Faisal Al Ameen M FAISAL SIR (short form)

F	Z	Α	Α	D	0	S
J	I	Z	S	М	Ν	Z
Α	Z	Α	D	Α	Z	Α
М	J	Α	S	I	М	Z
I	В	D	I	L	N	Α
	J A M	J I A Z M J	J I Z A Z A M J A	J I Z S A Z A D M J A S	J I Z S M A Z A D A M J A S I	F Z A A D O J I Z S M N A Z A D A Z M J A S I M I B D I L N

F

1

Α

D

L

T S D Z A Z A L

AIFSTUVZ

Rules:

М

S

- 1 . Each person's name may not be in its original form, letters may be permuted . example "JASIM" can be present as "MIJAS" .
- 2. Name will be valid with this conditions:

____ (straight line left to right or right to left)

| (up to bottom or bottom to up)

/ (cross wise up to bottom or bottom to up)

\ (cross wise up to bottom or bottom to up)

3. if any name is twice time in any row or coloum just count one for this name.

Input

No input for this problem.

Output

Just print the name of and print how many times the name in this grid .

Example

Output:

SAZZAD SIR 2 TIMES

SIFAT SIR_TIMES

AL AZAD SIR _ TIMES

AZAD SIR _ TIMES

JASIM SIR _ TIMES

FAISAL SIR _ TIMES

Problem Setter : Imtiaz Dipto (ULAB)