

## Sherlock Holmes-Deciphers

Sherlock Holmes is solving a peculiar case with Dr. Watson. With the present clues he has a book with numbers, a chit with a pineapple drawn and “order of leaves” written on it and a piece of paper. Sherlock has figured out the solution but for his own amusement tests Dr. Watson with the following hints.

- Its a double decipher (might be a single if looked from different perspective)
- One of its series involves the chit
- Final answer will always have alphabets

Furthermore Dr. Watson was given a line from the book and its translated meaning.

2141812584 21233 893772332377233

ITS IN LONDON

### Input format

First line in input file contains t, the next t lines have numbers with spaces separating each word considered next in cipher

### Output format

Each line deciphered in Capitals.