6. Message

Program Name: Message.java   **Input File: message.dat**

The police have been investigating some crimes involving a serial robber. After each robbery, the robber has left a note at the scene that has been meaningless. However, one detective has a theory that if the words of a certain length are extracted from the note and listed in the order that they appear, the note will give a clue to the identity of the suspect.

You are to write a program that will find the message for him.

Input
The first line of input will contain a single integer n that indicates the number of notes to follow. Each the following notes will consist of two lines.
- The first line will be a single integer m that denotes the length of the words that you will extract from the note.
- The second line will be a single paragraph that contains one note written in all uppercase letters, spaces, periods and commas.

Output
In the order that the words appear in the note, you will print the words of length m. There should be a space after each word but do not include any punctuation.

Example Input File
```
2
4
MERRY EASTER TO EVERY ONE NAME LICKETY SPLIT IS A HAPPY WORLD MIKE MAY HAVETO
CONVEY A LIVELY WATERING HOLES TO LIVE IN A PINKISH RIBBON OF CANDY. TOM ROSS
HAS A LOVELY, WHITE HOUSE ON THE END OF THE MEADOW ON LINDSEY LANE IN
BEAUMONT, TEXAS.
5
RICHARD CAN HAVE A VERY LONG PARIS TRIP TO THE END OF THE BORDER BUT BETTER
HOMES CAN BE FOUNDED ON THE WATER. THE NICEST BANKS IN THE LAND ARE NEAR THE
EDGE OF THE RED RIVERR. THE BUSHES ARE NEXTT TO THE WEDES IN THE MIDDLE OF
THE LAKE. I CAN SEEYA HAVE A LOT OF BUSINESS TO DO SO PLEASE ENJOYY
DECIPHERING THIS NOTE.
```

Note: Although the paragraphs in example input above appear on the printed page to consist of more than one line, each one is actually a single line in the input file.

Example Output to Screen
```
NAME MIKE LIVE ROSS LANE
PARIS HOMES WATER BANKS NEXTT WEDES SEEYA
```

Note: An extraneous space at the end of each line of output is ok.