

# Repeating Characters

For this problem, you will write a program that takes a string of characters, **S**, and creates a new string of characters, **T**, with each character repeated **R** times. That is, **R** copies of the first character of **S**, followed by **R** copies of the second character of **S**, and so on. Valid characters for **S** are the *QR Code* “*alphanumeric*” characters:

0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZ\$%\*+-. / :

## Input

The first line of input contains a single integer **P**, ( $1 \leq P \leq 1000$ ), which is the number of data sets that follow. Each data set is a single line of input consisting of the data set number **N**, followed by a space, followed by the repeat count **R**, ( $1 \leq R \leq 8$ ), followed by a space, followed by the string **S**. The length of string **S** will always be at least one and no more than 20 characters. All the characters will be from the set of characters shown above

## Output

For each data set there is one line of output. It contains the data set number, **N**, followed by a single space which is then followed by the new string **T**, which is made of each character in **S** repeated **R** times.

Sample Input	Sample Output
2	1 AAABBBCCC
1 3 ABC	2 /////HHHHHTTTTTPPPPP
2 5 /HTP	