Coding Exercise 3:

1. Write a string that returns just the letter ‘r’ from ‘Hello World’

For example, ‘Hello World’[0] returns ‘H’.You should write one line of code. Don’t assign a variable name to the string.

1. String slicing to grab the word ‘ink’ from the word ‘thinker’

S=’hello’,what is the output of h[1]

1. S=’Sammy’ what is the output of s[2:]”
2. With a single set function can you turn the word ‘Mississippi’ to distinct character word.
3. The word or whole phrase which has the same sequence of letters in both directions is called a palindrome. Here are few examples:

Stats

Amore, Roma

No 'x' in Nixon

Was it a cat I saw?

As you see, case of the letters is ignored. Spaces and punctuations are ignored too.

Your goal in this programming exercise is to determine, whether the phrase represents a palindrome or not.

Input data contains number of phrases in the first line.  
Next lines contain one phrase each.  
Answer should have a single letter (space separated) for each phrase: Y if it is a palindrome and N if not.

Example:

input data:

3

Stars

O, a kak Uwakov lil vo kawu kakao!

Some men interpret nine memos

answer:

N Y Y

Can you please derive a python code.