Write a program that will continuously get a singular noun as an input string until EOF. The program should then form and output the plural of each input string on the basis of these rules:

- If noun ends in -s, -sh, -ch, -x, or -z, add "es".
  (box – boxes, lunch – lunches, loss – losses, brush - brushes)
- If noun ends in -y and the letter before the "y" is a consonant, remove the "y" and add "ies".
  (city – cities)
- If noun ends in -y and the letter before the "y" is a vowel, simply add an "s" to make it plural.
  (ray – rays, toy - toys)
- In all other cases, just add "s".
  (Examples: cat – cats, fan - fans, chair - chairs)

The task of getting the plural form must be implemented as a function with string as parameter. All printing operations must be performed in the main function only.

SAMPLE OUTPUT:

```
Input a singular noun: string
Plural form: strings

Input a singular noun: truss
Plural form: trusses

Input a singular noun: bus
Plural form: buses

Input a singular noun: city
Plural form: cities

Input a singular noun: lunch
Plural form: lunches

Input a singular noun: box
Plural form: boxes

Input a singular noun: puppy
Plural form: puppies

Input a singular noun: <CTRL-D> or <CTRL-Z>
End of program.
```