extractLastChar

Write a C function extractLastChar() that accepts two string parameters ***str1*** and ***str2***, constructs a word formed by the **last character** of each word of the character string ***str1***, and stores the constructed word into string ***str2***. The function returns ***str2*** to the calling function via call by reference. You may assume that any two words in ***str1*** are separated by a space character. For example, if the input string ***str1*** is "How are you?", then the string ***str2*** is "we?".

A sample program template is given below:

```
#include <stdio.h>
#include <string.h>
void extractLastChar(char *str1, char *str2);
int main()
{
   char str1[80], str2[80], *p;

   printf("Enter a string: \n");
   fgets(str1, 80, stdin);
   if (p=strchr(str1,'\n')) *p = '\0';
   extractLastChar(str1, str2);
   printf("extractLastChar(): %s\n", str2);
   return 0;
}
void extractLastChar(char *str1, char *str2)
{
   /* Write your code here */
}
```

Some sample input and output sessions are given below:

(1) Test Case 1

```
Enter a string:
How?
extractLastChar(): ?
```

(2) Test Case 2

```
Enter a string:
How are you?
extractLastChar(): we?
```

(3) Test Case 3

```
Enter a string:
Do not do it.
extractLastChar(): oto.
```

(4) Test Case 4

```
Enter a string:
Say again!
extractLastChar(): y!
```