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## Validating and Parsing Email Addresses ☆

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A valid email addres	ss meets the following cr	iteria:		
It's composed of username@doma	a <i>username, domain</i> na ain.extension	me, and <i>extension</i> asse	mbled in this format:	
	arts with an <i>English alph</i>			cters consist
• The <i>domain</i> and	extension contain only E	English alphabetical cha	racters.	
• The <i>extension</i> is	$oldsymbol{1}$ , $oldsymbol{2}$ , or $oldsymbol{3}$ characters in le	ength.		
Given <b>n</b> pairs of nar	mes and email addresse: on a new line.	s as input, print each na	me and email address	pair having a
Hint: Try using Ema	il.utils() to complete this	challenge. For example	, this code:	
	tils.parseaddr('DOS tils.formataddr(('[			
	SHI@hackerrank.com' hackerrank.com>	)		
Input Format				
The first line contair	ns a single integer, <b>n</b> , de	noting the number of e	mail address.	
Each line $m{i}$ of the $m{n}$	subsequent lines contair	ns a <i>name</i> and an <i>email</i>	address as two space-	separated
values following this	s format:			
name <user@em< td=""><td>ail.com&gt;</td><td></td><td></td><td></td></user@em<>	ail.com>			
Constraints				
• 0 < n < 100				
Output Format				

Author	DOSHI
Difficulty	Easy
Max Score	20
Submitted By	5912
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```
Print the space-separated name and email address pairs containing valid email addresses only. Each pair must be printed on a new line in the following format:

name <user@email.com>

You must print each valid email address in the same order as it was received as input.

Sample Input

2
DEXTER <dexter@hotmail.com>
VIRUS <virus!@variable.:p>

Sample Output

DEXTER <dexter@hotmail.com>

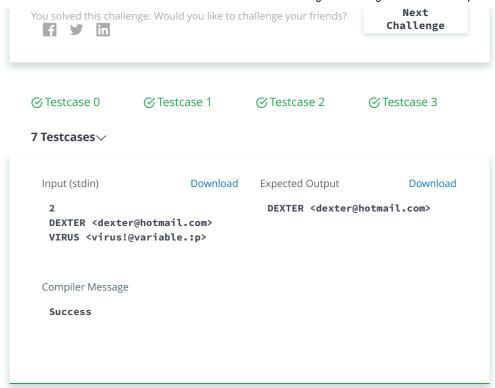
Explanation

dexter@hotmail.com is a valid email address, so we print the name and email address pair received as input on a new line.

virus!@variable.:p is not a valid email address because the username contains an exclamation point (!) and the extension contains a colon (:). As this email is not valid, we print nothing.
```

```
K 3 ($)
                                              Python 3
 Current Buffer (saved locally, editable)
                                    C 4
  1 import re
  2 n = int(input())
  3 ▼ for _ in range(n):
          x, y = input().split(' ')
  5
          m = re.match(r'<[A-Za-z](\w|-|\.|_)+@[A-Za-z]+\.[A-Za-z]{1,3}>', y)
          if m:
  6 ₩
              print(x,y)
                                                                     Line: 1 Col: 1
1 Upload Code as File
                   Test against custom input
                                                     Run Code
                                                                     Submit Code
        You have earned 20.00 points!
  91/115 challenges solved.
                                                           79%
```

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