

# Software Testing

## Homework 1

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1. Pick a topic of interest and expand it into a test ideas list.

**A.** Now consider a circumstance where you need to enter a legal E-Mail.  
Note that the correct form of an E-Mail:

$$/[a-zA-Z0-9\_]+@[a-zA-Z0-9\_]+(\.[a-zA-Z0-9\_]+)+\$/$$

So, here is the test ideas list:

Table 1: Test ideas list

Test	Why it's interesting	Expected result
<Blank>	Empty field, what's it do?	Reject? Ignore?
abc@abc.com.cn	Valid value	Accepts it
abc	Without '@' and domain name	Reject, error message
abc@	Without domain name	Reject, error message
abc@abc	Without suffix	Reject, error message
abc@.com	Without host name	Reject, error message
@abc.com	Without user name	Reject, error message
@	Without user name and domain name	Reject, error message
abccabc.cn	Without separator '@'	Reject, error message
***@abc.com	Invalid user name characters	Reject, error message
abc@a%c.c\$m	Invalid domain name characters	Reject, error message