Email Address Validator Challenge

In this challenge, you should write a program that validates email addresses, based on a set of predefined rules.

- An email address should be formatted as username@domain.

- The username part of the email address can contain alphanumeric characters, so lowercase a to z, upper case A to Z, digits 0 to 9, dots or periods, underscores, and hyphens or dashes (-).

- The domain part of the email address can contain alphanumeric characters and digits, as well as periods or dashes, such as xyz.com, or abc-xyz.org, but could also be xyz.edu.uk for example.

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Your program should:

- Use regular expressions and the **Pattern** class to compile the pattern.

- Use the **Matcher** class to match the entered email address against the compiled pattern.

- For valid email addresses, display the username and the domain name, using one of the group methods.

Use the examples shown here, or ones of your own invention, to test your code.

Valid Examples	Invalid Examples
john.boy@valid.com	john.boy@invalid
jane.doe-smith@valid.co.uk	bob!@invalid.com
jane_Doe1976@valid.co.uk	elaineinvalid1983@.com
bob-1964@valid.net	david@invalid..com
elaine@valid-test.com.au	
david@valid.io	

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