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Microsoft Windows [Version 10.0.17134.345]
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C:\Users\Nathan>cd Documents/cscd437-01/cscd437homework5

C:\Users\Nathan\Documents\cscd437-01\cscd437homework5>javac RegexTester.java

C:\Users\Nathan\Documents\cscd437-01\cscd437homework5>java RegexTester test.txt
Regex Menu
A - Social Security Number
B - U.S. Phone Number
C - E-mail Address
D - Name (Last, First, MI; MI(s) optional
E - Date (MM-DD-YYYY)
F - Street Address
G - City, State, ZIP
H - Military Time
I - US Currency (including cents)
J - URL (not case sensitive)
K - Password (10+ characters; at least one upper and lower case letter, digit, and special character; cannot have more than two of the same consecutive characters)
L - Words ending in "ion" with an odd number of characters.
Q - Quit

Valid SSN: 123-45-6789
Valid SSN: 123 45 6789
Valid SSN: 123456789
Invalid SSN: 1234
Invalid SSN: 1234567890
Invalid SSN: 12-345-6789
Invalid SSN: 1234-56789
Invalid SSN: 12 345 6789
Invalid SSN: 1234 56789
Invalid SSN: 123 45-6789
Valid Phone Number: 123-456-7890
Valid Phone Number: 123-4567890
Valid Phone Number: 123 456-7890
Valid Phone Number: 123 4567890
Valid Phone Number: (123) 456-7890
Valid Phone Number: (123) 4567890
Valid Phone Number: (123)-456-7890
Valid Phone Number: (123)-4567890
Invalid Phone Number: 1234
Invalid Phone Number: 12345678901
Invalid Phone Number: 123-456-78901
Invalid Phone Number: 12-345-67890
Invalid Phone Number: 123456-7890
Invalid Phone Number: (123-456-7890
Invalid Phone Number: 123)-456-7890
Invalid Phone Number: (123)4567890
Valid E-mail: example@email.com
Valid E-mail: example123@email.com
Valid E-mail: ex.ample@email.com
Valid E-mail: ex_ample@email.com
Valid E-mail: ex-ample@email.com
Valid E-mail: example@email123.com
Valid E-mail: example@e_mail.com
Valid E-mail: example@e-mail.com
Valid E-mail: example@eagles.ewu.edu
Valid E-mail: eXaMpLe@EmAiL.cOm
Invalid E-mail: example
Invalid E-mail: example@
Invalid E-mail: example@email.commm
Invalid E-mail: example@email.123
Invalid E-mail: example@,mail.com
Valid Name: Doe, John, M
Valid Name: Doe, John, MI
Valid Name: Doe, Jane
Invalid Name: Doe, John,
Invalid Name: Doe, JohnJohn
Invalid Name: Doe
Invalid Name: Doe, J
Invalid Name: D, Jane
Valid Date: 10/24/2018
Valid Date: 10-24-2018
Valid Date: 02/29/2016
Valid Date: 02-29-2016
Invalid Date: 1
Invalid Date: 10/24
Invalid Date: 24/10/2018
Invalid Date: 10/32/2018
Invalid Date: 11/31/2018
Invalid Date: 02/29/2018
Invalid Date: 02/30/2016
Invalid Date: 02/29/2000
Invalid Date: 10-24/2018
Invalid Date: 1/1/2018
Valid Street Address: 123 Streetname St
Valid Street Address: 123 Streetname Street
Valid Street Address: 123 N Streetname Boulevard
Valid Street Address: 123 W Streetname Blvd
Valid Street Address: 123 E 1st Avenue
Invalid Street Address: 123
Invalid Street Address: Streetname
Invalid Street Address: 123 N Blvd
Invalid Street Address: Streetname Blvd
Valid Street, State, ZIP: Cheney, WA 99004
Valid Street, State, ZIP: Cheney, WA, 99004
Valid Street, State, ZIP: Cheney, Wa, 99004-1234
Valid Street, State, ZIP: Cheney, Washington 99004
Invalid Street, State, ZIP: Cheney
Invalid Street, State, ZIP: Cheney, Washington
Invalid Street, State, ZIP: Cheney, WA, 9900
Invalid Street, State, ZIP: Cheney, WA 99004-
Valid Time: 23:59
```

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Valid Time: 00:00
Valid Time: 02:02
Invalid Time: 1
Invalid Time: 24:00
Invalid Time: 00:60
Invalid Time: 241:30
Invalid Time: 24:1
Invalid Time: 2:02
Valid Dollar Amount: $1.23
Valid Dollar Amount: $1,234.56
Valid Dollar Amount: $12,345,678.90
Invalid Dollar Amount: 1
Invalid Dollar Amount: 1.2
Invalid Dollar Amount: 1.23
Invalid Dollar Amount: $1234.56
Invalid Dollar Amount: $12345,678.90
Valid URL: url.com
Valid URL: www.url.com
Valid URL: http://url.org
Valid URL: https://url.org
Valid URL: http://www.url.gov
Valid URL: https://www.url.gov
Valid URL: HtTpS://www.UrL.iNfO
Invalid URL: url.123
Invalid URL: ur l.com
Invalid URL: url.commm
Valid Password: passWord1!
Valid Password: PassWord123?
Valid Password: passworD1.
Invalid Password: pass
Invalid Password: Password
Invalid Password: PASSWORD
Invalid Password: password4
Invalid Password: Password4
Invalid Password: Password!
Invalid Password: Passsword1!
Valid Odd -ion Word: ion
Valid Odd -ion Word: bastion
Valid Odd -ion Word: BaStIoN
Invalid Odd -ion Word: cat
Invalid Odd -ion Word: cation
Invalid Odd -ion Word: cations


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