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Python 3.6.4 (v3.6.4:d48eceb, Dec 19 2017, 06:04:45) [MSC v.1900 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
 RESTART: C:\Users\neil1\OneDrive\NJIT\Fall 2018\CS 341\Project 1\Project 1 Version 3.py
Project 1 for CS 341
Semester: Fall 2018
Written by: Neil Shah, ns642
Instructor: Marvin Nakayama, marvin@njit.edu
Do you want to enter a string (y or n):
Invalid response
Do you want to enter a string (y or n): www.commercial.com
Invalid response
Do you want to enter a string (y or n): y
Enter a string: www.co.com
You entered:  www.co.com
Current State: Q1 Letter read: w
Current State: Q2 Letter read: w
Current State: Q3 Letter read: w
Current State: Q4 Letter read: .
Current State: Q5 Letter read: c
Current State: Q6 Letter read: o
Current State: Q7 Letter read: .
Current State: Q10 Letter read: c
Current State: Q11 Letter read: o
Current State: Q12 Letter read: m
Current State: Q13
Accepted
Do you want to enter a string (y or n): y
Enter a string: www.x.com
You entered:  www.x.com
Current State: Q1 Letter read: w
Current State: Q2 Letter read: w
Current State: Q3 Letter read: w
Current State: Q4 Letter read: .
Current State: Q5 Letter read: x
Current State: Q9 Letter read: .
Current State: Q10 Letter read: c
Current State: Q11 Letter read: o
Current State: Q12 Letter read: m
Current State: Q13
Accepted
Do you want to enter a string (y or n): y
Enter a string: njit.co
You entered:  njit.co
Current State: Q1 Letter read: n
Current State: Q9 Letter read: j
Current State: Q9 Letter read: i
Current State: Q9 Letter read: t
Current State: Q9 Letter read: .
Current State: Q10 Letter read: c
Current State: Q11 Letter read: o
Current State: Q12
Accepted
Do you want to enter a string (y or n): y
Enter a string: wwww.stanford.com
You entered:  wwww.stanford.com
Current State: Q1 Letter read: w
Current State: Q2 Letter read: w
Current State: Q3 Letter read: w
Current State: Q4 Letter read: w
Current State: Q9 Letter read: .
Current State: Q10 Letter read: s
Current State: Q17 Letter read: t
Current State: Q17 Letter read: a
Current State: Q17 Letter read: n
Current State: Q17 Letter read: f
Current State: Q17 Letter read: o
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68   Current State: Q17 Letter read: r
69   Current State: Q17 Letter read: d
70   Current State: Q17 Letter read: .
71   Current State: Q17 Letter read: c
72   Current State: Q17 Letter read: o
73   Current State: Q17 Letter read: m
74   Current State: Q17
75   Rejected
76   Do you want to enter a string (y or n): y
77   Enter a string: www.com.com
78   You entered:  www.com.com
79   Current State: Q1 Letter read: w
80   Current State: Q2 Letter read: w
81   Current State: Q3 Letter read: w
82   Current State: Q4 Letter read: .
83   Current State: Q5 Letter read: c
84   Current State: Q6 Letter read: o
85   Current State: Q7 Letter read: m
86   Current State: Q8 Letter read: .
87   Current State: Q10 Letter read: c
88   Current State: Q11 Letter read: o
89   Current State: Q12 Letter read: m
90   Current State: Q13
91   Accepted
92   Do you want to enter a string (y or n): y
93   Enter a string: ww.com.com
94   You entered:  ww.com.com
95   Current State: Q1 Letter read: w
96   Current State: Q2 Letter read: w
97   Current State: Q3 Letter read: .
98   Current State: Q10 Letter read: c
99   Current State: Q11 Letter read: o
100  Current State: Q12 Letter read: m
101  Current State: Q13 Letter read: .
102  Current State: Q14 Letter read: c
103  Current State: Q15 Letter read: o
104  Current State: Q16 Letter read: m
105  Current State: Q17
106  Rejected
107  Do you want to enter a string (y or n): y
108  Enter a string: co.co
109  You entered:  co.co
110  Current State: Q1 Letter read: c
111  Current State: Q9 Letter read: o
112  Current State: Q9 Letter read: .
113  Current State: Q10 Letter read: c
114  Current State: Q11 Letter read: o
115  Current State: Q12
116  Accepted
117  Do you want to enter a string (y or n): y
118  Enter a string: www.co.com.co
119  You entered:  www.co.com.co
120  Current State: Q1 Letter read: w
121  Current State: Q2 Letter read: w
122  Current State: Q3 Letter read: w
123  Current State: Q4 Letter read: .
124  Current State: Q5 Letter read: c
125  Current State: Q6 Letter read: o
126  Current State: Q7 Letter read: .
127  Current State: Q10 Letter read: c
128  Current State: Q11 Letter read: o
129  Current State: Q12 Letter read: m
130  Current State: Q13 Letter read: .
131  Current State: Q14 Letter read: c
132  Current State: Q15 Letter read: o
133  Current State: Q16
134  Accepted
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135    Do you want to enter a string (y or n): y
136    Enter a string: www.com
137    You entered:  www.com
138    Current State: Q1 Letter read: w
139    Current State: Q2 Letter read: w
140    Current State: Q3 Letter read: w
141    Current State: Q4 Letter read: .
142    Current State: Q5 Letter read: c
143    Current State: Q6 Letter read: o
144    Current State: Q7 Letter read: m
145    Current State: Q8
146    Accepted
147    Do you want to enter a string (y or n): y
148    Enter a string: www.co
149    You entered:  www.co
150    Current State: Q1 Letter read: w
151    Current State: Q2 Letter read: w
152    Current State: Q3 Letter read: w
153    Current State: Q4 Letter read: .
154    Current State: Q5 Letter read: c
155    Current State: Q6 Letter read: o
156    Current State: Q7
157    Accepted
158    Do you want to enter a string (y or n): y
159    Enter a string: www.com.comp
160    You entered:  www.com.comp
161    Current State: Q1 Letter read: w
162    Current State: Q2 Letter read: w
163    Current State: Q3 Letter read: w
164    Current State: Q4 Letter read: .
165    Current State: Q5 Letter read: c
166    Current State: Q6 Letter read: o
167    Current State: Q7 Letter read: m
168    Current State: Q8 Letter read: .
169    Current State: Q10 Letter read: c
170    Current State: Q11 Letter read: o
171    Current State: Q12 Letter read: m
172    Current State: Q13 Letter read: p
173    Current State: Q17
174    Rejected
175    Do you want to enter a string (y or n): y
176    Enter a string: wwwb.com.co
177    You entered:  wwwb.com.co
178    Current State: Q1 Letter read: w
179    Current State: Q2 Letter read: w
180    Current State: Q3 Letter read: w
181    Current State: Q4 Letter read: b
182    Current State: Q9 Letter read: .
183    Current State: Q10 Letter read: c
184    Current State: Q11 Letter read: o
185    Current State: Q12 Letter read: m
186    Current State: Q13 Letter read: .
187    Current State: Q14 Letter read: c
188    Current State: Q15 Letter read: o
189    Current State: Q16
190    Accepted
191    Do you want to enter a string (y or n): y
192    Enter a string: www..com
193    You entered:  www..com
194    Current State: Q1 Letter read: w
195    Current State: Q2 Letter read: w
196    Current State: Q3 Letter read: w
197    Current State: Q4 Letter read: .
198    Current State: Q5 Letter read: .
199    Current State: Q17 Letter read: c
200    Current State: Q17 Letter read: o
201    Current State: Q17 Letter read: m
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202  Current State: Q17
203  Rejected
204  Do you want to enter a string (y or n): y
205  Enter a string: www.abcd.co
206  You entered:  www.abcd.co
207  Current State: Q1 Letter read: w
208  Current State: Q2 Letter read: w
209  Current State: Q3 Letter read: w
210  Current State: Q4 Letter read: .
211  Current State: Q5 Letter read: a
212  Current State: Q9 Letter read: b
213  Current State: Q9 Letter read: c
214  Current State: Q9 Letter read: d
215  Current State: Q9 Letter read: .
216  Current State: Q10 Letter read: c
217  Current State: Q11 Letter read: o
218  Current State: Q12
219  Accepted
220  Do you want to enter a string (y or n): y
221  Enter a string: www.company.co.com
222  You entered:  www.company.co.com
223  Current State: Q1 Letter read: w
224  Current State: Q2 Letter read: w
225  Current State: Q3 Letter read: w
226  Current State: Q4 Letter read: .
227  Current State: Q5 Letter read: c
228  Current State: Q6 Letter read: o
229  Current State: Q7 Letter read: m
230  Current State: Q8 Letter read: p
231  Current State: Q9 Letter read: a
232  Current State: Q9 Letter read: n
233  Current State: Q9 Letter read: y
234  Current State: Q9 Letter read: .
235  Current State: Q10 Letter read: c
236  Current State: Q11 Letter read: o
237  Current State: Q12 Letter read: .
238  Current State: Q17 Letter read: c
239  Current State: Q17 Letter read: o
240  Current State: Q17 Letter read: m
241  Current State: Q17
242  Rejected
243  Do you want to enter a string (y or n): y
244  Enter a string: company.com.co
245  You entered:  company.com.co
246  Current State: Q1 Letter read: c
247  Current State: Q9 Letter read: o
248  Current State: Q9 Letter read: m
249  Current State: Q9 Letter read: p
250  Current State: Q9 Letter read: a
251  Current State: Q9 Letter read: n
252  Current State: Q9 Letter read: y
253  Current State: Q9 Letter read: .
254  Current State: Q10 Letter read: c
255  Current State: Q11 Letter read: o
256  Current State: Q12 Letter read: m
257  Current State: Q13 Letter read: .
258  Current State: Q14 Letter read: c
259  Current State: Q15 Letter read: o
260  Current State: Q16
261  Accepted
262  Do you want to enter a string (y or n): y
263  Enter a string: www.co.com.co
264  You entered:  www.co.com.co
265  Current State: Q1 Letter read: w
266  Current State: Q2 Letter read: w
267  Current State: Q3 Letter read: w
268  Current State: Q4 Letter read: .
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269    Current State: Q5 Letter read: c
270    Current State: Q6 Letter read: o
271    Current State: Q7 Letter read: .
272    Current State: Q10 Letter read: c
273    Current State: Q11 Letter read: o
274    Current State: Q12 Letter read: m
275    Current State: Q13 Letter read: .
276    Current State: Q14 Letter read: c
277    Current State: Q15 Letter read: o
278    Current State: Q16
279    Accepted
280    Do you want to enter a string (y or n): y
281    Enter a string: www.com.com.co
282    You entered:  www.com.com.co
283    Current State: Q1 Letter read: w
284    Current State: Q2 Letter read: w
285    Current State: Q3 Letter read: w
286    Current State: Q4 Letter read: .
287    Current State: Q5 Letter read: c
288    Current State: Q6 Letter read: o
289    Current State: Q7 Letter read: m
290    Current State: Q8 Letter read: .
291    Current State: Q10 Letter read: c
292    Current State: Q11 Letter read: o
293    Current State: Q12 Letter read: m
294    Current State: Q13 Letter read: .
295    Current State: Q14 Letter read: c
296    Current State: Q15 Letter read: o
297    Current State: Q16
298    Accepted
299    Do you want to enter a string (y or n): y
300    Enter a string: www.co.co
301    You entered:  www.co.co
302    Current State: Q1 Letter read: w
303    Current State: Q2 Letter read: w
304    Current State: Q3 Letter read: w
305    Current State: Q4 Letter read: .
306    Current State: Q5 Letter read: c
307    Current State: Q6 Letter read: o
308    Current State: Q7 Letter read: .
309    Current State: Q10 Letter read: c
310    Current State: Q11 Letter read: o
311    Current State: Q12
312    Accepted
313    Do you want to enter a string (y or n): n
314    >>>
315
```