Assignment: **#Lucky2019**	Due: **02/03/02019**	Points: **3**

Specification

Write a *public class Lucky2019* that prints the first 314 "lucky numbers."

OEIS.org::Lucky numbers [OEIS::A000959] is an integer sequence generated as follows.

```
"Start with the natural numbers [1 2 3 4 5 ...].
 Delete every 2nd number, leaving 1 3 5 7 ...;
 the 2nd number remaining is 3, so delete every
 3rd number, leaving 1 3 7 9 13 15 ...; now delete
 every 7th number, leaving 1 3 7 9 13 ...; now delete
 every 9th number; etc." [source: OEIS.org]

Note: Wikipedia.org has a good Lucky number page.
```

The output of the program must match the following. {output file}

```
1...1
2...3
3...7
4...9
5...13
6...15
7...21
8...25
9...31
10...33
11...37
12...43
13...49
14...51
15...63
16...67
17...69
18...73
19...75
20...79
21...87
22...93
23...99
24...105
25...111
26...115
27...127
28...129
29...133
30...135
31...141
32...151
33...159
34...163
35...169
36...171
37...189
38...193
39...195
40...201
41...205
42...211
43...219
44...223
45...231
46...235
47...237
48...241
49...259
50...261
51...267
52...273
53...283
54...285
55...289
56...297
57...303
58...307
59...319
60...321
61...327
62...331
63...339
64...349
65...357
66...361
67...367
68...385
69...391
70...393
71...399
72...409
73...415
74...421
75...427
76...429
```

77...433
78...451
79...463
80...475
81...477
82...483
83...487
84...489
85...495
86...511
87...517
88...519
89...529
90...535
91...537
92...541
93...553
94...559
95...577
96...579
97...583
98...591
99...601
100...613
101...615
102...619
103...621
104...631
105...639
106...643
107...645
108...651
109...655
110...673
111...679
112...685
113...693
114...699
115...717
116...723
117...727
118...729
119...735
120...739
121...741
122...745
123...769
124...777
125...781
126...787
127...801
128...805
129...819
130...823
131...831
132...841
133...855
134...867
135...873
136...883
137...885
138...895
139...897
140...903
141...925
142...927
143...931
144...933
145...937
146...957
147...961
148...975
149...979
150...981
151...991
152...993
153...997
154...1009
155...1011
156...1021
157...1023
158...1029
159...1039
160...1041
161...1053
162...1057
163...1087
164...1093
165...1095
166...1101
167...1105
168...1107
169...1117
170...1123
171...1147
172...1155
173...1167
174...1179
175...1183
176...1189

177...1197
178...1201
179...1203
180...1209
181...1219
182...1231
183...1233
184...1245
185...1249
186...1251
187...1261
188...1263
189...1275
190...1281
191...1285
192...1291
193...1303
194...1309
195...1323
196...1329
197...1339
198...1357
199...1365
200...1369
201...1387
202...1389
203...1395
204...1401
205...1417
206...1419
207...1435
208...1441
209...1455
210...1459
211...1471
212...1473
213...1485
214...1491
215...1495
216...1497
217...1501
218...1503
219...1519
220...1533
221...1543
222...1545
223...1563
224...1567
225...1575
226...1579
227...1585
228...1587
229...1597
230...1599
231...1611
232...1639
233...1641
234...1645
235...1659
236...1663
237...1675
238...1693
239...1701
240...1705
241...1711
242...1723
243...1731
244...1737
245...1749
246...1765
247...1767
248...1771
249...1773
250...1777
251...1797
252...1801
253...1809
254...1819
255...1827
256...1831
257...1833
258...1839
259...1857
260...1869
261...1879
262...1893
263...1899
264...1915
265...1921
266...1923
267...1933
268...1941
269...1945
270...1959
271...1963
272...1965
273...1977
274...1983
275...1987
276...1995

277...2001
278...2019
279...2023
280...2031
281...2053
282...2059
283...2065
284...2067
285...2079
286...2083
287...2085
288...2095
289...2113
290...2115
291...2121
292...2125
293...2127
294...2133
295...2163
296...2173
297...2187
298...2209
299...2211
300...2215
301...2217
302...2221
303...2239
304...2251
305...2253
306...2257
307...2271
308...2277
309...2281
310...2283
311...2301
312...2311
313...2317
314...2323