

```
1 *****
2 README
3 *****
4
5 To Compile:
6 cd src
7 javac -d ../output -classpath ../output -cp ../output\gson-2.6.2.jar *.java
8
9 To run:
10 cd output
11 java -classpath .;gson-2.6.2.jar Compare file1.json file2.json
12
13
14 =====
15 EXAMPLES:
16 =====
17 =====
18 src directory:
19 =====
20 C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
Tool2\src>dir
21 Volume in drive C is Windows
22 Volume Serial Number is 104B-F7DB
23
24 Directory of
C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
Tool2\src
25
26 12/23/2017 12:03 AM <DIR> .
27 12/23/2017 12:03 AM <DIR> ..
28 12/22/2017 11:35 PM 12,217 Compare.java
29 12/22/2017 11:12 PM 1,129 Mapper.java
30 2 File(s) 13,346 bytes
31 2 Dir(s) 788,999,790,592 bytes free
32
33 =====
34 output directory:
35 =====
36 C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
Tool2\output>dir
37 Volume in drive C is Windows
38 Volume Serial Number is 104B-F7DB
39
40 Directory of
C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
Tool2\output
41
42 12/23/2017 12:10 AM <DIR> .
43 12/23/2017 12:10 AM <DIR> ..
44 12/23/2017 12:10 AM 278 Byline.class
45 12/23/2017 12:10 AM 8,524 Compare.class
46 12/23/2017 12:10 AM 691 Doc.class
47 12/16/2017 09:33 AM 14,654 file1.json
48 12/16/2017 09:33 AM 14,517 file2.json
49 12/22/2017 10:39 PM 0 file3.json
50 12/22/2017 10:39 PM 0 file4.json
51 12/01/2017 05:49 PM 229,650 gson-2.6.2.jar
52 12/23/2017 12:10 AM 249 Headline.class
53 12/23/2017 12:10 AM 273 Keyword.class
54 12/23/2017 12:10 AM 269 Legacy.class
55 12/23/2017 12:10 AM 218 Mapper.class
56 12/23/2017 12:10 AM 235 Meta.class
57 12/23/2017 12:10 AM 323 Multimedia.class
58 12/23/2017 12:10 AM 303 Person.class
59 12/23/2017 12:10 AM 236 Response.class
60 16 File(s) 270,420 bytes
61 2 Dir(s) 788,999,790,592 bytes free
62
63
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64  =====
65  COMPILE:
66  =====
67  C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
Tool2\src>javac -d ..\output -classpath ..\output -cp ..\output\gson-2.6.2.jar
*.java
68
69  =====
70  RUN 1:
71  =====
72  C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
Tool2\output>java -classpath .;gson-2.6.2.jar Compare file1.json file2.json
73  doc[0]:
74  DIFFERENT FIELDS: web_url, print_page, news_desk, _id
75
76  doc[1]:
77  DIFFERENT FIELDS: web_url, multimedia[0]: width, multimedia[0]: url, multimedia[0]:
height, multimedia[0]: subtype, multimedia[2]: width, multimedia[2]: url,
multimedia[2]: height, multimedia[2]: subtype, keywords, _id
78
79  doc[2]:
80  DIFFERENT FIELDS: web_url, print_page, news_desk, _id
81
82  doc[3]:
83  DIFFERENT FIELDS: web_url, print_page, news_desk, _id
84
85  doc[4]:
86  DIFFERENT FIELDS: web_url, print_page, news_desk, _id
87
88  doc[5]:
89  DIFFERENT FIELDS: web_url, multimedia[0]: width, multimedia[0]: url, multimedia[0]:
height, multimedia[0]: subtype, multimedia[2]: width, multimedia[2]: url,
multimedia[2]: height, multimedia[2]: subtype, headline/print_headline, keywords[0]:
is_major, _id
90
91  doc[6]:
92  DIFFERENT FIELDS: web_url, print_page, news_desk, _id
93
94  doc[7]:
95  DIFFERENT FIELDS: web_url, print_page, news_desk, _id
96
97  doc[8]:
98  DIFFERENT FIELDS: web_url, print_page, news_desk, _id
99
100 doc[9]:
101 DIFFERENT FIELDS: web_url, multimedia[0]: width, multimedia[0]: url, multimedia[0]:
height, multimedia[0]: subtype, multimedia[2]: width, multimedia[2]: url,
multimedia[2]: height, multimedia[2]: subtype, keywords[0]: is_major, keywords[1]:
is_major, keywords[2]: is_major, keywords[3]: is_major, keywords[4]: is_major, _id
102
103
104  =====
105  RUN 2:
106  =====
107  C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
Tool2\output>java -classpath .;gson-2.6.2.jar Compare file1.json file1.json
108  doc[0]:
109  SAME IN TWO FILES
110
111  doc[1]:
112  SAME IN TWO FILES
113
114  doc[2]:
115  SAME IN TWO FILES
116
117  doc[3]:
118  SAME IN TWO FILES
119
120  doc[4]:

```

```
121 SAME IN TWO FILES
122
123 doc[5]:
124 SAME IN TWO FILES
125
126 doc[6]:
127 SAME IN TWO FILES
128
129 doc[7]:
130 SAME IN TWO FILES
131
132 doc[8]:
133 SAME IN TWO FILES
134
135 doc[9]:
136 SAME IN TWO FILES
137
138
139 =====
140 RUN 3:
141 =====
142 C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
143 Tool2\output>java -classpath .;gson-2.6.2.jar Compare file1.json file3.json
144 file3.json is empty
145
146 =====
147 RUN 4:
148 =====
149 C:\Users\bingc\Me\MyCareer\Applications\NewYorkTimes\TakeHomeExercise\OtherTests\NY\CL
150 Tool2\output>java -classpath .;gson-2.6.2.jar Compare file4.json file3.json
151 file4.json is empty
152 file3.json is empty
```