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1 D:\Seneca\OOP244\OOP244-winter\OOP-Project\MS1\cmake-build
-debug\milestone_1.exe
2
3 =====
4 | T1. Constants |
5 =====
6 | T1.1. Checking that the constants are defined.
7 -----
8
9             Min Year: 2019
10            Min Year: 2019
11            Max Year: 2028
12            No Error: 0
13            Year Error: 1
14            Month Error: 2
15            Day Error: 3
16            Invalid Operation: 4
17            Input Error: 5
18 -----
19 =====
20 | T2. Default Constructor |
21 =====
22 | T2.1. Checking displaying an empty object.
23 -----
24         Date::display(...): 0/0/0
25         operator<<(...): 0/0/0
26 -----
27 | T2.2. Checking the state of an empty object.
28 -----
29         Date::isGood(...): 0
30         Date::status(...): 0
31 -----
32 | T2.3. Checking relational operators on an empty object.
33 -----
34         Date::operator==(...): 1
35         Date::operator!=(...): 0
36         Date::operator<(...): 0
37         Date::operator>(...): 0
38         Date::operator<=(...): 1
39         Date::operator>=(...): 1
40 -----

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41 | T2.4. Checking += on an empty object.

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42 -----
-----
43     returned reference: 1
44         aDate: 0/0/0
45     aDate.isGood(...): 0
46     aDate.status(...): 4
47 aDate.clearError() -->
48     aDate.isGood(...): 0
49     aDate.status(...): 0
50 -----
```

51 | T2.5 Checking + on an empty object.

```
52 -----
-----
53         aDate: 0/0/0
54     aDate.isGood(...): 0
55     aDate.status(...): 0
56         tmp: 0/0/0
57     tmp.isGood(...): 0
58     tmp.status(...): 4
59 -----
```

60 | T2.6. Checking postfix++ on an empty object.

```
61 -----
-----
62 tmp = aDate++ -->
63         tmp: 0/0/0
64     tmp.isGood(...): 0
65     tmp.status(...): 0
66         aDate: 0/0/0
67     aDate.isGood(...): 0
68     aDate.status(...): 4
69 -----
```

70 | T2.7. Checking prefix++ on an empty object.

```
71 -----
-----
72 tmp = ++aDate -->
73         tmp: 0/0/0
74     tmp.isGood(...): 0
75     tmp.status(...): 4
76         aDate: 0/0/0
77     aDate.isGood(...): 0
78     aDate.status(...): 4
79 aDate.clearError() -->
80         tmp: 0/0/0
81 tmp - Date::isGood(...): 0
82 tmp - Date::status(...): 0
```

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83             aDate: 0/0/0
84     aDate.isGood(...): 0
85     aDate.status(...): 0
86 -----
87 -----
88 =====
89 | T3. Custom Constructor          |
90 =====
91 | T3.1. Checking for invalid dates.
92 -----
93 -----
94     1020.10.15: 0/0/0
95     status - > 1020.10.15: 1
96     3020.10.15: 0/0/0
97     status - > 3020.10.15: 1
98     2020.13.15: 0/0/0
99     status - > 2020.13.15: 2
100    2020.00.15: 0/0/0
101    status - > 2020.00.15: 2
102    2020.10.32: 0/0/0
103    status - > 2020.10.32: 3
104    2020.10.00: 0/0/0
105    status - > 2020.10.00: 3
106    2021.02.29: 0/0/0
107    status - > 2021.02.29: 3
108    2021.04.31: 0/0/0
109    status - > 2021.04.31: 3
110 -----
111 -----
112 | T3.2. Checking for valid dates.
113 -----
114 -----
115     2020.10.15: 2020/10/15
116     status - > 2020.10.15: 0
117     2020.10.31: 2020/10/31
118     status - > 2020.10.31: 0
119     2020.10.01: 2020/10/1
120     status - > 2020.10.01: 0
121     2020.02.29: 2020/2/29
122     status - > 2020.02.29: 0
123 -----
124 -----
125 =====
126 | T4. Operations                  |
127 =====
128 | T4.1. Checking relational operators on a valid object.
129 -----

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126 -----
127             aDate: 2022/10/15
128         anotherDate: 2022/10/25
129     aDate == anotherDate: 0
130     anotherDate == aDate: 0
131     aDate != anotherDate: 1
132     anotherDate != aDate: 1
133     aDate > anotherDate: 0
134     anotherDate > aDate: 1
135     aDate < anotherDate: 1
136     anotherDate < aDate: 0
137     aDate <= anotherDate: 1
138     anotherDate <= aDate: 0
139     aDate >= anotherDate: 0
140     anotherDate >= aDate: 1
141     aDate == 2022.10.15: 1
142     aDate != 2022.10.15: 0
143     aDate > 2022.10.15: 0
144     aDate < 2022.10.15: 0
145     aDate <= 2022.10.15: 1
146     aDate >= 2022.10.15: 1
147 -----
148 | T4.2. Checking += on a valid object.
149 -----
150             aDate: 2022/10/15
151         aDate += 3: 2022/10/18
152     aDate.isGood(...): 1
153     aDate.status(...): 0
154 -----
155 | T4.3. Checking + on a valid object.
156 -----
157             aDate: 2022/10/18
158 tmp = aDate + 3: -->
159             tmp: 2022/10/21
160         tmp.isGood(...): 1
161         tmp.status(...): 0
162             aDate: 2022/10/18
163         aDate.isGood(...): 1
164         aDate.status(...): 0
165 -----
166 | T4.4. Checking postfix++ on a valid object.
167 -----
168 tmp = aDate++ -->

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169             tmp: 2022/10/18
170         tmp.isGood(...): 1
171         tmp.status(...): 0
172             aDate: 2022/10/19
173         aDate.isGood(...): 1
174         aDate.status(...): 0
175 -----
176 | T4.5. Checking prefix++ on a valid object.
177 -----
178 tmp = ++aDate -->
179             tmp: 2022/10/20
180         tmp.isGood(...): 1
181         tmp.status(...): 0
182             aDate: 2022/10/20
183         aDate.isGood(...): 1
184         aDate.status(...): 0
185 -----
186 | T4.6. Checking overflow for + on a valid object.
187 -----
188             aDate: 2022/10/15
189         aDate.isGood(...): 1
190         aDate.status(...): 0
191             tmp: 2022/10/32
192         tmp.isGood(...): 1
193         tmp.status(...): 0
194 tmp += 5:
195             tmp: 2022/10/37
196         tmp.isGood(...): 1
197         tmp.status(...): 0
198 tmp.clearError():
199             tmp: 2022/10/37
200         tmp.isGood(...): 1
201         tmp.status(...): 0
202         tmp == anotherDate: 0
203 tmp += 7:
204             tmp: 2022/10/44
205         tmp.isGood(...): 1
206         tmp.status(...): 0
207         tmp == anotherDate: 0
208 tmp += -25:
209             tmp: 2022/10/19
210         tmp.isGood(...): 1
211         tmp.status(...): 0
212         tmp == anotherDate: 0
213 -----

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213 -----
214
215 =====
216 | T5. Extraction Operator          |
217 =====
218 -----
    -----
219 Attempt 1
220             text: 1020.10.15
221             aDate: 0/0/0
222             aDate.status(): 0
223             aDate.isGood(): 0
224             istream.fail(): 0
225 Attempt 2
226             text: 3020-10-15
227             aDate: 0/0/0
228             aDate.status(): 0
229             aDate.isGood(): 0
230             istream.fail(): 0
231 Attempt 3
232             text: 2020.10.15
233             aDate: 0/0/0
234             aDate.status(): 0
235             aDate.isGood(): 0
236             istream.fail(): 0
237 Attempt 4
238             text: 2020/13/15
239             aDate: 0/0/0
240             aDate.status(): 0
241             aDate.isGood(): 0
242             istream.fail(): 0
243 Attempt 5
244             text: 2020.00.15
245             aDate: 0/0/0
246             aDate.status(): 0
247             aDate.isGood(): 0
248             istream.fail(): 0
249 Attempt 6
250             text: 2020/10/31
251             aDate: 0/0/0
252             aDate.status(): 0
253             aDate.isGood(): 0
254             istream.fail(): 0
255 Attempt 7
256             text: 2020.10.32
257             aDate: 0/0/0
258             aDate.status(): 0
259             aDate.isGood(): 0
260             istream.fail(): 0

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261 Attempt 8
262             text: 2020/10/0
263             aDate: 0/0/0
264             aDate.status(): 0
265             aDate.isGood(): 0
266             istream.fail(): 0
267 Attempt 9
268             text: 2020-10-01
269             aDate: 0/0/0
270             aDate.status(): 0
271             aDate.isGood(): 0
272             istream.fail(): 0
273 Attempt 10
274             text: 2021-02-29
275             aDate: 0/0/0
276             aDate.status(): 0
277             aDate.isGood(): 0
278             istream.fail(): 0
279 Attempt 11
280             text: 2021.04.31
281             aDate: 0/0/0
282             aDate.status(): 0
283             aDate.isGood(): 0
284             istream.fail(): 0
285 Attempt 12
286             text: 2020/02/29
287             aDate: 0/0/0
288             aDate.status(): 0
289             aDate.isGood(): 0
290             istream.fail(): 0
291 Attempt 13
292             text: 2020--10-01
293             aDate: 0/0/0
294             aDate.status(): 0
295             aDate.isGood(): 0
296             istream.fail(): 0
297 Attempt 14
298             text: 2020//10/01
299             aDate: 0/0/0
300             aDate.status(): 0
301             aDate.isGood(): 0
302             istream.fail(): 1
303 -----
304 -----
305 Process finished with exit code 0
306
```