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1  Compiler is using classPath = '[C:\Users\vilve\Desktop\Super
   Senior\Summer2017\DataStructures\Assignment11\Java, C:\Program Files\Dr.
   Java\drjava-beta-20160913-225446.exe]'; bootClassPath = 'null'
2  -----
3  1. WARNING in C:\Users\vilve\Desktop\Super
   Senior\Summer2017\DataStructures\Assignment11\Java\All.java (at line 20)
4  Scanner scan = new Scanner(System.in);
5      ^^^^
6  Resource leak: 'scan' is never closed
7  -----
8  1 problem (1 warning)
9
10  ***BINARY SEARCH TREE OPERATIONS***
11
12          MENU
13  -----
14  1. FIND (item)
15  2. INSERT (item)
16  3. DELETE (item)
17  4. DELETE_TREE (delete all nodes - be careful with the traversal!)
18  5. EXIT PROGRAM
19  -----
20  Enter your choice from the menu:
21  2
22
23  Enter an integer element to insert into the tree
24  3
25
26  Post-order : 3
27  Pre-order : 3
28  In-order : 3
29  ***BINARY SEARCH TREE OPERATIONS***
30
31          MENU
32  -----
33  1. FIND (item)
34  2. INSERT (item)
35  3. DELETE (item)
36  4. DELETE_TREE (delete all nodes - be careful with the traversal!)
37  5. EXIT PROGRAM
38  -----
39  Enter your choice from the menu:
40  2
41
42  Enter an integer element to insert into the tree
43  7
44
45  Post-order : 7 3
46  Pre-order : 3 7
47  In-order : 3 7
48  ***BINARY SEARCH TREE OPERATIONS***
49
50          MENU
51  -----
52  1. FIND (item)
53  2. INSERT (item)
54  3. DELETE (item)
55  4. DELETE_TREE (delete all nodes - be careful with the traversal!)
56  5. EXIT PROGRAM
57  -----
58  Enter your choice from the menu:
59  2
60
61  Enter an integer element to insert into the tree
62  88
63
64  Post-order : 88 7 3
65  Pre-order : 3 7 88
66  In-order : 3 7 88
67  ***BINARY SEARCH TREE OPERATIONS***

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68
69             MENU
70 -----
71 1. FIND (item)
72 2. INSERT (item)
73 3. DELETE (item)
74 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
75 5. EXIT PROGRAM
76 -----
77 Enter your choice from the menu:
78 2
79
80 Enter an integer element to insert into the tree
81 1
82
83 Post-order : 1 88 7 3
84 Pre-order : 3 1 7 88
85 In-order : 1 3 7 88
86     ***BINARY SEARCH TREE OPERATIONS***
87
88             MENU
89 -----
90 1. FIND (item)
91 2. INSERT (item)
92 3. DELETE (item)
93 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
94 5. EXIT PROGRAM
95 -----
96 Enter your choice from the menu:
97 1
98
99 Enter an integer element to find in tree
100 11
101 Search result : false
102
103 Post-order : 1 88 7 3
104 Pre-order : 3 1 7 88
105 In-order : 1 3 7 88
106     ***BINARY SEARCH TREE OPERATIONS***
107
108             MENU
109 -----
110 1. FIND (item)
111 2. INSERT (item)
112 3. DELETE (item)
113 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
114 5. EXIT PROGRAM
115 -----
116 Enter your choice from the menu:
117 1
118
119 Enter an integer element to find in tree
120 1
121 Search result : true
122
123 Post-order : 1 88 7 3
124 Pre-order : 3 1 7 88
125 In-order : 1 3 7 88
126     ***BINARY SEARCH TREE OPERATIONS***
127
128             MENU
129 -----
130 1. FIND (item)
131 2. INSERT (item)
132 3. DELETE (item)
133 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
134 5. EXIT PROGRAM
135 -----
136 Enter your choice from the menu:
137 3

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138
139 Enter an integer element to delete from the tree
140 33
141 Sorry 33 is not present in the tree
142
143 Post-order : 1 88 7 3
144 Pre-order : 3 1 7 88
145 In-order : 1 3 7 88
146 ***BINARY SEARCH TREE OPERATIONS***
147
148             MENU
149 -----
150 1. FIND (item)
151 2. INSERT (item)
152 3. DELETE (item)
153 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
154 5. EXIT PROGRAM
155 -----
156 Enter your choice from the menu:
157 3
158
159 Enter an integer element to delete from the tree
160 3
161 3 has been deleted from the tree
162
163 Post-order : 1 88 7
164 Pre-order : 7 1 88
165 In-order : 1 7 88
166 ***BINARY SEARCH TREE OPERATIONS***
167
168             MENU
169 -----
170 1. FIND (item)
171 2. INSERT (item)
172 3. DELETE (item)
173 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
174 5. EXIT PROGRAM
175 -----
176 Enter your choice from the menu:
177 1
178
179 Enter an integer element to find in tree
180 3
181 Search result : false
182
183 Post-order : 1 88 7
184 Pre-order : 7 1 88
185 In-order : 1 7 88
186 ***BINARY SEARCH TREE OPERATIONS***
187
188             MENU
189 -----
190 1. FIND (item)
191 2. INSERT (item)
192 3. DELETE (item)
193 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
194 5. EXIT PROGRAM
195 -----
196 Enter your choice from the menu:
197 4
198
199 Post-order :
200 Pre-order :
201 In-order :
202 ***BINARY SEARCH TREE OPERATIONS***
203
204             MENU
205 -----
206 1. FIND (item)
207 2. INSERT (item)

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208 3. DELETE (item)
209 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
210 5. EXIT PROGRAM
211 -----
212 Enter your choice from the menu:
213 2
214
215 Enter an integer element to insert into the tree
216 4
217
218 Post-order : 4
219 Pre-order : 4
220 In-order : 4
221 ***BINARY SEARCH TREE OPERATIONS***
222
223             MENU
224 -----
225 1. FIND (item)
226 2. INSERT (item)
227 3. DELETE (item)
228 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
229 5. EXIT PROGRAM
230 -----
231 Enter your choice from the menu:
232 1
233
234 Enter an integer element to find in tree
235 4
236 Search result : true
237
238 Post-order : 4
239 Pre-order : 4
240 In-order : 4
241 ***BINARY SEARCH TREE OPERATIONS***
242
243             MENU
244 -----
245 1. FIND (item)
246 2. INSERT (item)
247 3. DELETE (item)
248 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
249 5. EXIT PROGRAM
250 -----
251 Enter your choice from the menu:
252 1
253
254 Enter an integer element to find in tree
255 44
256 Search result : false
257
258 Post-order : 4
259 Pre-order : 4
260 In-order : 4
261 ***BINARY SEARCH TREE OPERATIONS***
262
263             MENU
264 -----
265 1. FIND (item)
266 2. INSERT (item)
267 3. DELETE (item)
268 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
269 5. EXIT PROGRAM
270 -----
271 Enter your choice from the menu:
272 4
273
274 Post-order :
275 Pre-order :
276 In-order :
277 ***BINARY SEARCH TREE OPERATIONS***

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278
279             MENU
280 -----
281 1. FIND (item)
282 2. INSERT (item)
283 3. DELETE (item)
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285 5. EXIT PROGRAM
286 -----
287 Enter your choice from the menu:
288 1
289
290 Enter an integer element to find in tree
291 2
292 Search result : false
293
294 Post-order :
295 Pre-order :
296 In-order :
297 ***BINARY SEARCH TREE OPERATIONS***
298
299             MENU
300 -----
301 1. FIND (item)
302 2. INSERT (item)
303 3. DELETE (item)
304 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
305 5. EXIT PROGRAM
306 -----
307 Enter your choice from the menu:
308 2
309
310 Enter an integer element to insert into the tree
311 2
312
313 Post-order : 2
314 Pre-order : 2
315 In-order : 2
316 ***BINARY SEARCH TREE OPERATIONS***
317
318             MENU
319 -----
320 1. FIND (item)
321 2. INSERT (item)
322 3. DELETE (item)
323 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
324 5. EXIT PROGRAM
325 -----
326 Enter your choice from the menu:
327 1
328
329 Enter an integer element to find in tree
330 2
331 Search result : true
332
333 Post-order : 2
334 Pre-order : 2
335 In-order : 2
336 ***BINARY SEARCH TREE OPERATIONS***
337
338             MENU
339 -----
340 1. FIND (item)
341 2. INSERT (item)
342 3. DELETE (item)
343 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
344 5. EXIT PROGRAM
345 -----
346 Enter your choice from the menu:
347 3

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348
349 Enter an integer element to delete from the tree
350 2
351 2 has been deleted from the tree
352
353 Post-order :
354 Pre-order :
355 In-order :
356 ***BINARY SEARCH TREE OPERATIONS***
357
358             MENU
359 -----
360 1. FIND (item)
361 2. INSERT (item)
362 3. DELETE (item)
363 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
364 5. EXIT PROGRAM
365 -----
366 Enter your choice from the menu:
367 2
368
369 Enter an integer element to insert into the tree
370 3
371
372 Post-order : 3
373 Pre-order : 3
374 In-order : 3
375 ***BINARY SEARCH TREE OPERATIONS***
376
377             MENU
378 -----
379 1. FIND (item)
380 2. INSERT (item)
381 3. DELETE (item)
382 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
383 5. EXIT PROGRAM
384 -----
385 Enter your choice from the menu:
386 4
387
388 Post-order :
389 Pre-order :
390 In-order :
391 ***BINARY SEARCH TREE OPERATIONS***
392
393             MENU
394 -----
395 1. FIND (item)
396 2. INSERT (item)
397 3. DELETE (item)
398 4. DELETE_TREE (delete all nodes - be careful with the traversal!)
399 5. EXIT PROGRAM
400 -----
401 Enter your choice from the menu:
402 5
403
404 Bye!

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