


```

73     end
74     block C45
75         Boolean visited false
76     end
77     block C46
78         Boolean visited false
79     end
80     block C51
81         Boolean visited false
82     end
83     block C52
84         Boolean visited false
85     end
86     block C53
87         Boolean visited false
88     end
89     block C54
90         Boolean visited false
91     end
92     block C55
93         Boolean visited false
94     end
95     block C56
96         Boolean visited false
97     end
98 end
99
100 scenario Exploration as Maze
101     state Initial
102     next Initial V51
103
104     task V11
105         if C11.visited then
106             fail
107             set C11.visited true
108         end
109         choice N11
110             branch v12
111             branch v21
112         end
113         next V11 N11
114         next N11.v12 V12
115         next N11.v21 V21
116
117     task V12
118         if C12.visited then
119             fail
120             set C12.visited true
121         end
122         choice N12
123             branch v11
124             branch v13
125         end
126         next V12 N12
127         next N12.v11 V11
128         next N12.v13 V13
129
130     task V13
131         if C13.visited then
132             fail
133             set C13.visited true
134         end
135         choice N13
136             branch v12
137             branch v14
138         end
139         next V13 N13
140         next N13.v12 V12
141         next N13.v14 V14
142
143     task V14
144         if C14.visited then

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145         fail
146     set C14.visited true
147 end
148 choice N14
149     branch v13
150     branch v15
151 end
152 next V14 N14
153 next N14.v13 V13
154 next N14.v15 V15
155
156 task V15
157     if C15.visited then
158         fail
159     set C15.visited true
160 end
161 choice N15
162     branch v14
163     branch v16
164     branch v25
165 end
166 next V15 N15
167 next N15.v14 V14
168 next N15.v16 V16
169 next N15.v25 V25
170
171 task V16
172     if C16.visited then
173         fail
174     set C16.visited true
175 end
176 choice N16
177     branch v15
178     branch v26
179 end
180 next V16 N16
181 next N16.v15 V15
182 next N16.v26 V26
183
184 task V21
185     if C21.visited then
186         fail
187     set C21.visited true
188 end
189 choice N21
190     branch v11
191     branch v31
192 end
193 next V21 N21
194 next N21.v11 V11
195 next N21.v31 V31
196
197 task V22
198     if C22.visited then
199         fail
200     set C22.visited true
201 end
202 choice N22
203     branch v23
204 end
205 next V22 N22
206 next N22.v23 V23
207
208 task V23
209     if C23.visited then
210         fail
211     set C23.visited true
212 end
213 choice N23
214     branch v22
215     branch v24
216 end
```

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217 next V23 N23
218 next N23.v22 V22
219 next N23.v24 V24
220
221 task V24
222     if C24.visited then
223         fail
224     set C24.visited true
225 end
226 choice N24
227     branch v23
228     branch v34
229 end
230 next V24 N24
231 next N24.v23 V23
232 next N24.v34 V34
233
234 task V25
235     if C25.visited then
236         fail
237     set C25.visited true
238 end
239 choice N25
240     branch v15
241     branch v35
242 end
243 next V25 N25
244 next N25.v15 V15
245 next N25.v35 V35
246
247 task V26
248     if C26.visited then
249         fail
250     set C26.visited true
251 end
252 choice N26
253     branch v16
254     branch v36
255 end
256 next V26 N26
257 next N26.v16 V16
258 next N26.v36 V36
259
260 task V31
261     if C31.visited then
262         fail
263     set C31.visited true
264 end
265 choice N31
266     branch v21
267     branch v32
268     branch v41
269 end
270 next V31 N31
271 next N31.v21 V21
272 next N31.v32 V32
273 next N31.v41 V41
274
275 task V32
276     if C32.visited then
277         fail
278     set C32.visited true
279 end
280 choice N32
281     branch v31
282     branch v33
283 end
284 next V32 N32
285 next N32.v31 V31
286 next N32.v33 V33
287
288 task V33
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289         if C33.visited then
290             fail
291         set C33.visited true
292     end
293     choice N33
294         branch v32
295         branch v43
296     end
297     next V33 N33
298     next N33.v32 V33
299     next N33.v43 V43
300
301     task V34
302         if C34.visited then
303             fail
304         set C34.visited true
305     end
306     choice N34
307         branch v24
308         branch v35
309     end
310     next V34 N34
311     next N34.v24 V24
312     next N34.v35 V35
313
314     task V35
315         if C35.visited then
316             fail
317         set C35.visited true
318     end
319     choice N35
320         branch v25
321         branch v34
322     end
323     next V35 N35
324     next N35.v25 V25
325     next N35.v34 V34
326
327     task V36
328         if C36.visited then
329             fail
330         set C36.visited true
331     end
332     choice N36
333         branch v26
334         branch v46
335     end
336     next V36 N36
337     next N36.v26 V26
338     next N36.v46 V46
339
340     task V41
341         if C41.visited then
342             fail
343         set C41.visited true
344     end
345     choice N41
346         branch v31
347         branch v42
348     end
349     next V41 N41
350     next N41.v31 V31
351     next N41.v42 V42
352
353     task V42
354         if C42.visited then
355             fail
356         set C42.visited true
357     end
358     choice N42
359         branch v41
360         branch v52
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361     end
362     next V42 N42
363     next N42.v41 V41
364     next N42.v52 V52
365
366     task V43
367         if C43.visited then
368             fail
369             set C43.visited true
370     end
371     choice N43
372         branch v33
373     end
374     next V43 N43
375     next N43.v33 V33
376
377     task V44
378         if C44.visited then
379             fail
380             set C44.visited true
381     end
382     choice N44
383         branch v45
384         branch v54
385     end
386     next V44 N44
387     next N44.v45 V45
388     next N44.v54 V54
389
390     task V45
391         if C45.visited then
392             fail
393             set C45.visited true
394     end
395     choice N45
396         branch v44
397         branch v46
398     end
399     next V45 N45
400     next N45.v44 V44
401     next N45.v46 V46
402
403     task V46
404         if C46.visited then
405             fail
406             set C46.visited true
407     end
408     choice N46
409         branch v36
410         branch v45
411     end
412     next V46 N46
413     next N46.v36 V36
414     next N46.v45 V45
415
416     task V51
417         if C51.visited then
418             fail
419             set C51.visited true
420     end
421     choice N51
422         branch v52
423     end
424     next V51 N51
425     next N51.v52 V52
426
427     task V52
428         if C52.visited then
429             fail
430             set C52.visited true
431     end
432     choice N52

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433         branch v51
434         branch v42
435     end
436     next V52 N52
437     next N52.v51 V51
438     next N52.v42 V42
439
440     task V53
441         if C53.visited then
442             fail
443             set C53.visited true
444         end
445     choice N53
446         branch v54
447     end
448     next V53 N53
449     next N53.v54 V54
450
451     task V54
452         if C54.visited then
453             fail
454             set C54.visited true
455         end
456     choice N54
457         branch v44
458         branch v53
459         branch v55
460     end
461     next V54 N54
462     next N54.v44 V44
463     next N54.v53 V53
464     next N54.v55 V55
465
466     task V55
467         if C55.visited then
468             fail
469             set C55.visited true
470         end
471     choice N55
472         branch v54
473         branch v56
474     end
475     next V55 N55
476     next N55.v54 V54
477     next N55.v56 V56
478
479     task V56
480         if C56.visited then
481             fail
482             set C56.visited true
483         end
484
485     state Terminal
486     next V56 Terminal
487 end
488
```