## Autograder Results

1. **Autograder Output**
2. Found files in root directory
3. Compiling
4. [ OK ]
5. Compiling User Tests
6. [ OK ]
7. Running User Tests
8. Interlocking\_InputValidation\_Test
9. Interlocking\_JunctionPriority\_Test
10. Interlocking\_Junction\_Crossing\_Test
11. Interlocking\_MultiTrain\_Test
12. Interlocking\_RoutingProgress\_Test
13. Interlocking\_Smoke\_Test
14. Interlocking\_Swap\_Blocking\_Test
15. Test Coverage
16. Checking ./Driver.class
17. Checking ./Interlocking.class
18. Checking ./InterlockingImpl$Edge.class
19. Checking ./InterlockingImpl$Train.class
20. Checking ./InterlockingImpl$Intent.class
21. Checking ./InterlockingImpl.class
22. Ignoring ./Interlocking\_InputValidation\_Test.class (testing code is not included in coverage score)
23. Ignoring ./Interlocking\_JunctionPriority\_Test.class (testing code is not included in coverage score)
24. Ignoring ./Interlocking\_Junction\_Crossing\_Test.class (testing code is not included in coverage score)
25. Ignoring ./Interlocking\_MultiTrain\_Test.class (testing code is not included in coverage score)
26. Ignoring ./Interlocking\_RoutingProgress\_Test.class (testing code is not included in coverage score)
27. Ignoring ./Interlocking\_Smoke\_Test.class (testing code is not included in coverage score)
28. Ignoring ./Interlocking\_Swap\_Blocking\_Test.class (testing code is not included in coverage score)
29. [INFO] Loading execution data file /autograder/submission/jacoco.exec.
30. [INFO] Analyzing 5 classes.
31. Running Acceptance Test
32. Add train t1; Section 1 -> 9
33. Move trains: 1 moved
34. Section 5: t1
35. t1: Section 5
36. warning: Implicitly compiled files were not subject to annotation processing.
37. Use -proc:none to disable annotation processing or -implicit to specify a policy for implicit compilation.

1 warning

1. Test Cases Summary:

Total tests: 175  
Passed tests: 135  
Failed tests: 40  
Pass rate: 77.14%

1. [**Compile Tests (0/0)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#Compile%20Tests)

Your test cases compiled successfully.

1. [**Run Tests (0/0)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#Run%20Tests)
2. All tests completed without error.
3. Note: This does not assess the quality of the tests.

Test quality/robustness will be manually reviewed.

1. [**Test coverage (0/0)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#Test%20coverage)
2. Test Coverage: 83%
3. Type: INSTRUCTION Covered: 83 % (1101 /1335 ) covered
4. Type: BRANCH Covered: 66 % (135 /206 ) covered
5. Type: LINE Covered: 84 % (156 /186 ) covered
6. Type: COMPLEXITY Covered: 52 % (68 /131 ) covered
7. Type: METHOD Covered: 79 % (22 /28 ) covered
8. Type: CLASS Covered: 80 % (4 /5 ) covered
9. [**Acceptance Test (0/0)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#Acceptance%20Test)

Code runs.

1. [**Test Cases (1/1)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#Test%20Cases)

Code compiles with the test files.

1. [**moveTrainToSection03TransitionOk30 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk30)
2. Test passed successfully.
3. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk30
4. Result: Test Passed
5. Log file content:
6. Adding Trains in Bulk:
7. Inserting Train329
8. Train: Train329 will go from 1 to 9 but will stop at 1 temporarily.
9. Train: Train329 is scheduled to go from 1 to 9.
11. ==04======================================= ==08==========================================
12. // //
13. ==01=Train329==================//==05==========================================================09==========================================
14. // //
15. ==02=========================//====06==========================================================10==========================================
16. //
17. ==03===============================07==========================================================11==========================================
19. Train: Train329 has arrived to destination from 1 to 1.
21. ==04======================================= ==08==========================================
22. // //
23. ==01=Train329==================//==05==========================================================09==========================================
24. // //
25. ==02=========================//====06==========================================================10==========================================
26. //
27. ==03===============================07==========================================================11==========================================
29. Successfully inserted Train329
30. Inserting Train330
31. Train: Train330 will go from 11 to 3 but will stop at 7 temporarily.
32. Train: Train330 is scheduled to go from 11 to 3.
34. ==04======================================= ==08==========================================
35. // //
36. ==01=Train329==================//==05==========================================================09==========================================
37. // //
38. ==02=========================//====06==========================================================10==========================================
39. //
40. ==03===============================07==========================================================11=Train330=================================
42. Train: Train330 has moved from 11 to 7.
44. ==04======================================= ==08==========================================
45. // //
46. ==01=Train329==================//==05==========================================================09==========================================
47. // //
48. ==02=========================//====06==========================================================10==========================================
49. //
50. ==03===============================07=Train330=================================================11==========================================
52. Train: Train330 has arrived to destination from 11 to 7.
54. ==04======================================= ==08==========================================
55. // //
56. ==01=Train329==================//==05==========================================================09==========================================
57. // //
58. ==02=========================//====06==========================================================10==========================================
59. //
60. ==03===============================07=Train330=================================================11==========================================
62. Successfully inserted Train330
63. Moving Trains: Train329, Train330
64. ==04======================================= ==08==========================================
65. // //
66. ==01===========================//==05=Train329=================================================09==========================================
67. // //
68. ==02=========================//====06==========================================================10==========================================
69. //
70. ==03=Train330======================07==========================================================11==========================================
71. moveTrainToSection03TransitionOk30 Successful
72. [**moveTrainToSection03TransitionOk35 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk35)
73. Test passed successfully.
74. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk35
75. Result: Test Passed
76. Log file content:
77. Adding Trains in Bulk:
78. Inserting Train341
79. Train: Train341 will go from 3 to 4 but will stop at 4 temporarily.
80. Train: Train341 is scheduled to go from 3 to 4.
82. ==04======================================= ==08==========================================
83. // //
84. ==01===========================//==05==========================================================09==========================================
85. // //
86. ==02=========================//====06==========================================================10==========================================
87. //
88. ==03=Train341======================07==========================================================11==========================================
90. Train: Train341 has moved from 3 to 7.
92. ==04======================================= ==08==========================================
93. // //
94. ==01===========================//==05==========================================================09==========================================
95. // //
96. ==02=========================//====06==========================================================10==========================================
97. //
98. ==03===============================07=Train341=================================================11==========================================
100. Train: Train341 has moved from 7 to 4.
102. ==04=Train341============================== ==08==========================================
103. // //
104. ==01===========================//==05==========================================================09==========================================
105. // //
106. ==02=========================//====06==========================================================10==========================================
107. //
108. ==03===============================07==========================================================11==========================================
110. Train: Train341 has arrived to destination from 3 to 4.
112. ==04=Train341============================== ==08==========================================
113. // //
114. ==01===========================//==05==========================================================09==========================================
115. // //
116. ==02=========================//====06==========================================================10==========================================
117. //
118. ==03===============================07==========================================================11==========================================
120. Successfully inserted Train341
121. Inserting Train342
122. Train: Train342 will go from 1 to 9 but will stop at 1 temporarily.
123. Train: Train342 is scheduled to go from 1 to 9.
125. ==04=Train341============================== ==08==========================================
126. // //
127. ==01=Train342==================//==05==========================================================09==========================================
128. // //
129. ==02=========================//====06==========================================================10==========================================
130. //
131. ==03===============================07==========================================================11==========================================
133. Train: Train342 has arrived to destination from 1 to 1.
135. ==04=Train341============================== ==08==========================================
136. // //
137. ==01=Train342==================//==05==========================================================09==========================================
138. // //
139. ==02=========================//====06==========================================================10==========================================
140. //
141. ==03===============================07==========================================================11==========================================
143. Successfully inserted Train342
144. Inserting Train343
145. Train: Train343 will go from 11 to 3 but will stop at 7 temporarily.
146. Train: Train343 is scheduled to go from 11 to 3.
148. ==04=Train341============================== ==08==========================================
149. // //
150. ==01=Train342==================//==05==========================================================09==========================================
151. // //
152. ==02=========================//====06==========================================================10==========================================
153. //
154. ==03===============================07==========================================================11=Train343=================================
156. Train: Train343 has moved from 11 to 7.
158. ==04=Train341============================== ==08==========================================
159. // //
160. ==01=Train342==================//==05==========================================================09==========================================
161. // //
162. ==02=========================//====06==========================================================10==========================================
163. //
164. ==03===============================07=Train343=================================================11==========================================
166. Train: Train343 has arrived to destination from 11 to 7.
168. ==04=Train341============================== ==08==========================================
169. // //
170. ==01=Train342==================//==05==========================================================09==========================================
171. // //
172. ==02=========================//====06==========================================================10==========================================
173. //
174. ==03===============================07=Train343=================================================11==========================================
176. Successfully inserted Train343
177. Moving Trains: Train341, Train342, Train343
178. ==04======================================= ==08==========================================
179. // //
180. ==01===========================//==05=Train342=================================================09==========================================
181. // //
182. ==02=========================//====06==========================================================10==========================================
183. //
184. ==03=Train343======================07==========================================================11==========================================
185. moveTrainToSection03TransitionOk35 Successful
186. [**moveTrainToSection04TransitionOk05 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection04TransitionOk05)
187. Test failed.
188. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection04TransitionOk05
189. Result: Test Failed
190. Log file content:
191. Adding Trains in Bulk:
192. Inserting Train243
193. Train: Train243 will go from 3 to 11 but will stop at 11 temporarily.
194. Train: Train243 is scheduled to go from 3 to 11.
196. ==04======================================= ==08==========================================
197. // //
198. ==01===========================//==05==========================================================09==========================================
199. // //
200. ==02=========================//====06==========================================================10==========================================
201. //
202. ==03=Train243======================07==========================================================11==========================================
204. Train: Train243 has moved from 3 to 7.
206. ==04======================================= ==08==========================================
207. // //
208. ==01===========================//==05==========================================================09==========================================
209. // //
210. ==02=========================//====06==========================================================10==========================================
211. //
212. ==03===============================07=Train243=================================================11==========================================
214. Train: Train243 has moved from 7 to 11.
216. ==04======================================= ==08==========================================
217. // //
218. ==01===========================//==05==========================================================09==========================================
219. // //
220. ==02=========================//====06==========================================================10==========================================
221. //
222. ==03===============================07==========================================================11=Train243=================================
224. Train: Train243 has arrived to destination from 3 to 11.
226. ==04======================================= ==08==========================================
227. // //
228. ==01===========================//==05==========================================================09==========================================
229. // //
230. ==02=========================//====06==========================================================10==========================================
231. //
232. ==03===============================07==========================================================11=Train243=================================
234. Successfully inserted Train243
235. Inserting Train244
236. Train: Train244 will go from 3 to 11 but will stop at 7 temporarily.
237. Train: Train244 is scheduled to go from 3 to 11.
239. ==04======================================= ==08==========================================
240. // //
241. ==01===========================//==05==========================================================09==========================================
242. // //
243. ==02=========================//====06==========================================================10==========================================
244. //
245. ==03=Train244======================07==========================================================11=Train243=================================
247. Train: Train244 has moved from 3 to 7.
249. ==04======================================= ==08==========================================
250. // //
251. ==01===========================//==05==========================================================09==========================================
252. // //
253. ==02=========================//====06==========================================================10==========================================
254. //
255. ==03===============================07=Train244=================================================11=Train243=================================
257. Train: Train244 has arrived to destination from 3 to 7.
259. ==04======================================= ==08==========================================
260. // //
261. ==01===========================//==05==========================================================09==========================================
262. // //
263. ==02=========================//====06==========================================================10==========================================
264. //
265. ==03===============================07=Train244=================================================11=Train243=================================
267. Successfully inserted Train244
268. Inserting Train245
269. Train: Train245 will go from 3 to 4 but will stop at 3 temporarily.
270. Train: Train245 is scheduled to go from 3 to 4.
272. ==04======================================= ==08==========================================
273. // //
274. ==01===========================//==05==========================================================09==========================================
275. // //
276. ==02=========================//====06==========================================================10==========================================
277. //
278. ==03=Train245======================07=Train244=================================================11=Train243=================================
280. Train: Train245 has arrived to destination from 3 to 3.
282. ==04======================================= ==08==========================================
283. // //
284. ==01===========================//==05==========================================================09==========================================
285. // //
286. ==02=========================//====06==========================================================10==========================================
287. //
288. ==03=Train245======================07=Train244=================================================11=Train243=================================
290. Successfully inserted Train245
291. Moving Trains: Train243, Train244, Train245
292. ==04======================================= ==08==========================================
293. // //
294. ==01===========================//==05==========================================================09==========================================
295. // //
296. ==02=========================//====06==========================================================10==========================================
297. //
298. ==03===============================07=Train245=================================================11=Train244=================================
299. [**testcase020 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#testcase020)
300. Test passed successfully.
301. Detailed result for Section01InterlockingImplTestingFinal: testcase020
302. Result: Test Passed
303. Log file content:
304. Adding Trains in Bulk:
305. Inserting Train517
306. Train: Train517 will go from 3 to 4 but will stop at 4 temporarily.
307. Train: Train517 is scheduled to go from 3 to 4.
309. ==04======================================= ==08==========================================
310. // //
311. ==01===========================//==05==========================================================09==========================================
312. // //
313. ==02=========================//====06==========================================================10==========================================
314. //
315. ==03=Train517======================07==========================================================11==========================================
317. Train: Train517 has moved from 3 to 7.
319. ==04======================================= ==08==========================================
320. // //
321. ==01===========================//==05==========================================================09==========================================
322. // //
323. ==02=========================//====06==========================================================10==========================================
324. //
325. ==03===============================07=Train517=================================================11==========================================
327. Train: Train517 has moved from 7 to 4.
329. ==04=Train517============================== ==08==========================================
330. // //
331. ==01===========================//==05==========================================================09==========================================
332. // //
333. ==02=========================//====06==========================================================10==========================================
334. //
335. ==03===============================07==========================================================11==========================================
337. Train: Train517 has arrived to destination from 3 to 4.
339. ==04=Train517============================== ==08==========================================
340. // //
341. ==01===========================//==05==========================================================09==========================================
342. // //
343. ==02=========================//====06==========================================================10==========================================
344. //
345. ==03===============================07==========================================================11==========================================
347. Successfully inserted Train517
348. Inserting Train518
349. Train: Train518 will go from 3 to 11 but will stop at 3 temporarily.
350. Train: Train518 is scheduled to go from 3 to 11.
352. ==04=Train517============================== ==08==========================================
353. // //
354. ==01===========================//==05==========================================================09==========================================
355. // //
356. ==02=========================//====06==========================================================10==========================================
357. //
358. ==03=Train518======================07==========================================================11==========================================
360. Train: Train518 has arrived to destination from 3 to 3.
362. ==04=Train517============================== ==08==========================================
363. // //
364. ==01===========================//==05==========================================================09==========================================
365. // //
366. ==02=========================//====06==========================================================10==========================================
367. //
368. ==03=Train518======================07==========================================================11==========================================
370. Successfully inserted Train518
371. Inserting Train519
372. Train: Train519 will go from 11 to 3 but will stop at 7 temporarily.
373. Train: Train519 is scheduled to go from 11 to 3.
375. ==04=Train517============================== ==08==========================================
376. // //
377. ==01===========================//==05==========================================================09==========================================
378. // //
379. ==02=========================//====06==========================================================10==========================================
380. //
381. ==03=Train518======================07==========================================================11=Train519=================================
383. Train: Train519 has moved from 11 to 7.
385. ==04=Train517============================== ==08==========================================
386. // //
387. ==01===========================//==05==========================================================09==========================================
388. // //
389. ==02=========================//====06==========================================================10==========================================
390. //
391. ==03=Train518======================07=Train519=================================================11==========================================
393. Train: Train519 has arrived to destination from 11 to 7.
395. ==04=Train517============================== ==08==========================================
396. // //
397. ==01===========================//==05==========================================================09==========================================
398. // //
399. ==02=========================//====06==========================================================10==========================================
400. //
401. ==03=Train518======================07=Train519=================================================11==========================================
403. Successfully inserted Train519
404. Inserting Train520
405. Train: Train520 will go from 11 to 3 but will stop at 11 temporarily.
406. Train: Train520 is scheduled to go from 11 to 3.
408. ==04=Train517============================== ==08==========================================
409. // //
410. ==01===========================//==05==========================================================09==========================================
411. // //
412. ==02=========================//====06==========================================================10==========================================
413. //
414. ==03=Train518======================07=Train519=================================================11=Train520=================================
416. Train: Train520 has arrived to destination from 11 to 11.
418. ==04=Train517============================== ==08==========================================
419. // //
420. ==01===========================//==05==========================================================09==========================================
421. // //
422. ==02=========================//====06==========================================================10==========================================
423. //
424. ==03=Train518======================07=Train519=================================================11=Train520=================================
426. Successfully inserted Train520
427. Moving Trains: Train517, Train518, Train519, Train520
428. ==04======================================= ==08==========================================
429. // //
430. ==01===========================//==05==========================================================09==========================================
431. // //
432. ==02=========================//====06==========================================================10==========================================
433. //
434. ==03=Train518======================07=Train519=================================================11=Train520=================================
435. Train518 Move Status: Collision TestingStatus: Testing Successful
436. Train519 Move Status: Collision TestingStatus: Testing Successful
437. Train518 Move Status: Deadlock TestingStatus: Testing Successful
438. Train520 Move Status: Deadlock TestingStatus: Testing Successful
439. testcase020 Successful
440. [**testcase015 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#testcase015)
441. Test failed.
442. Detailed result for Section01InterlockingImplTestingFinal: testcase015
443. Result: Test Failed
444. Log file content:
445. Adding Trains in Bulk:
446. Inserting Train501
447. Train: Train501 will go from 4 to 3 but will stop at 4 temporarily.
448. Train: Train501 is scheduled to go from 4 to 3.
450. ==04=Train501============================== ==08==========================================
451. // //
452. ==01===========================//==05==========================================================09==========================================
453. // //
454. ==02=========================//====06==========================================================10==========================================
455. //
456. ==03===============================07==========================================================11==========================================
458. Train: Train501 has arrived to destination from 4 to 4.
460. ==04=Train501============================== ==08==========================================
461. // //
462. ==01===========================//==05==========================================================09==========================================
463. // //
464. ==02=========================//====06==========================================================10==========================================
465. //
466. ==03===============================07==========================================================11==========================================
468. Successfully inserted Train501
469. Inserting Train502
470. Train: Train502 will go from 11 to 3 but will stop at 3 temporarily.
471. Train: Train502 is scheduled to go from 11 to 3.
473. ==04=Train501============================== ==08==========================================
474. // //
475. ==01===========================//==05==========================================================09==========================================
476. // //
477. ==02=========================//====06==========================================================10==========================================
478. //
479. ==03===============================07==========================================================11=Train502=================================
481. Train: Train502 has moved from 11 to 7.
483. ==04=Train501============================== ==08==========================================
484. // //
485. ==01===========================//==05==========================================================09==========================================
486. // //
487. ==02=========================//====06==========================================================10==========================================
488. //
489. ==03===============================07=Train502=================================================11==========================================
491. Train: Train502 has moved from 7 to 3.
493. ==04=Train501============================== ==08==========================================
494. // //
495. ==01===========================//==05==========================================================09==========================================
496. // //
497. ==02=========================//====06==========================================================10==========================================
498. //
499. ==03=Train502======================07==========================================================11==========================================
501. Train: Train502 has arrived to destination from 11 to 3.
503. ==04=Train501============================== ==08==========================================
504. // //
505. ==01===========================//==05==========================================================09==========================================
506. // //
507. ==02=========================//====06==========================================================10==========================================
508. //
509. ==03=Train502======================07==========================================================11==========================================
511. Successfully inserted Train502
512. Inserting Train503
513. Train: Train503 will go from 11 to 3 but will stop at 7 temporarily.
514. Train: Train503 is scheduled to go from 11 to 3.
516. ==04=Train501============================== ==08==========================================
517. // //
518. ==01===========================//==05==========================================================09==========================================
519. // //
520. ==02=========================//====06==========================================================10==========================================
521. //
522. ==03=Train502======================07==========================================================11=Train503=================================
524. Train: Train503 has moved from 11 to 7.
526. ==04=Train501============================== ==08==========================================
527. // //
528. ==01===========================//==05==========================================================09==========================================
529. // //
530. ==02=========================//====06==========================================================10==========================================
531. //
532. ==03=Train502======================07=Train503=================================================11==========================================
534. Train: Train503 has arrived to destination from 11 to 7.
536. ==04=Train501============================== ==08==========================================
537. // //
538. ==01===========================//==05==========================================================09==========================================
539. // //
540. ==02=========================//====06==========================================================10==========================================
541. //
542. ==03=Train502======================07=Train503=================================================11==========================================
544. Successfully inserted Train503
545. Inserting Train504
546. Train: Train504 will go from 11 to 3 but will stop at 11 temporarily.
547. Train: Train504 is scheduled to go from 11 to 3.
549. ==04=Train501============================== ==08==========================================
550. // //
551. ==01===========================//==05==========================================================09==========================================
552. // //
553. ==02=========================//====06==========================================================10==========================================
554. //
555. ==03=Train502======================07=Train503=================================================11=Train504=================================
557. Train: Train504 has arrived to destination from 11 to 11.
559. ==04=Train501============================== ==08==========================================
560. // //
561. ==01===========================//==05==========================================================09==========================================
562. // //
563. ==02=========================//====06==========================================================10==========================================
564. //
565. ==03=Train502======================07=Train503=================================================11=Train504=================================
567. Successfully inserted Train504
568. Moving Trains: Train501, Train502, Train503, Train504
569. ==04=Train501============================== ==08==========================================
570. // //
571. ==01===========================//==05==========================================================09==========================================
572. // //
573. ==02=========================//====06==========================================================10==========================================
574. //
575. ==03=Train503======================07=Train504=================================================11==========================================
576. Train503 Move Status: Collision TestingStatus: Testing Failed
577. Train504 Move Status: Collision TestingStatus: Testing Failed
578. Train503 Move Status: Deadlock TestingStatus: Testing Failed
579. Train501 Move Status: Deadlock TestingStatus: Testing Successful
580. [**moveTrainToSection06TransitionOk10 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection06TransitionOk10)
581. Test passed successfully.
582. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection06TransitionOk10
583. Result: Test Passed
584. Log file content:
585. Adding Trains in Bulk:
586. Inserting Train163
587. Train: Train163 will go from 10 to 2 but will stop at 2 temporarily.
588. Train: Train163 is scheduled to go from 10 to 2.
590. ==04======================================= ==08==========================================
591. // //
592. ==01===========================//==05==========================================================09==========================================
593. // //
594. ==02=========================//====06==========================================================10=Train163=================================
595. //
596. ==03===============================07==========================================================11==========================================
598. Train: Train163 has moved from 10 to 6.
600. ==04======================================= ==08==========================================
601. // //
602. ==01===========================//==05==========================================================09==========================================
603. // //
604. ==02=========================//====06=Train163=================================================10==========================================
605. //
606. ==03===============================07==========================================================11==========================================
608. Train: Train163 has moved from 6 to 2.
610. ==04======================================= ==08==========================================
611. // //
612. ==01===========================//==05==========================================================09==========================================
613. // //
614. ==02=Train163================//====06==========================================================10==========================================
615. //
616. ==03===============================07==========================================================11==========================================
618. Train: Train163 has arrived to destination from 10 to 2.
620. ==04======================================= ==08==========================================
621. // //
622. ==01===========================//==05==========================================================09==========================================
623. // //
624. ==02=Train163================//====06==========================================================10==========================================
625. //
626. ==03===============================07==========================================================11==========================================
628. Successfully inserted Train163
629. Inserting Train164
630. Train: Train164 will go from 10 to 2 but will stop at 6 temporarily.
631. Train: Train164 is scheduled to go from 10 to 2.
633. ==04======================================= ==08==========================================
634. // //
635. ==01===========================//==05==========================================================09==========================================
636. // //
637. ==02=Train163================//====06==========================================================10=Train164=================================
638. //
639. ==03===============================07==========================================================11==========================================
641. Train: Train164 has moved from 10 to 6.
643. ==04======================================= ==08==========================================
644. // //
645. ==01===========================//==05==========================================================09==========================================
646. // //
647. ==02=Train163================//====06=Train164=================================================10==========================================
648. //
649. ==03===============================07==========================================================11==========================================
651. Train: Train164 has arrived to destination from 10 to 6.
653. ==04======================================= ==08==========================================
654. // //
655. ==01===========================//==05==========================================================09==========================================
656. // //
657. ==02=Train163================//====06=Train164=================================================10==========================================
658. //
659. ==03===============================07==========================================================11==========================================
661. Successfully inserted Train164
662. Inserting Train165
663. Train: Train165 will go from 10 to 2 but will stop at 10 temporarily.
664. Train: Train165 is scheduled to go from 10 to 2.
666. ==04======================================= ==08==========================================
667. // //
668. ==01===========================//==05==========================================================09==========================================
669. // //
670. ==02=Train163================//====06=Train164=================================================10=Train165=================================
671. //
672. ==03===============================07==========================================================11==========================================
674. Train: Train165 has arrived to destination from 10 to 10.
676. ==04======================================= ==08==========================================
677. // //
678. ==01===========================//==05==========================================================09==========================================
679. // //
680. ==02=Train163================//====06=Train164=================================================10=Train165=================================
681. //
682. ==03===============================07==========================================================11==========================================
684. Successfully inserted Train165
685. Moving Trains: Train163, Train164, Train165
686. ==04======================================= ==08==========================================
687. // //
688. ==01===========================//==05==========================================================09==========================================
689. // //
690. ==02=Train164================//====06=Train165=================================================10==========================================
691. //
692. ==03===============================07==========================================================11==========================================
693. moveTrainToSection06TransitionOk10 Successful
694. [**moveTrainToSection03TransitionOk40 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk40)
695. Test passed successfully.
696. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk40
697. Result: Test Passed
698. Log file content:
699. Adding Trains in Bulk:
700. Inserting Train357
701. Train: Train357 will go from 1 to 9 but will stop at 1 temporarily.
702. Train: Train357 is scheduled to go from 1 to 9.
704. ==04======================================= ==08==========================================
705. // //
706. ==01=Train357==================//==05==========================================================09==========================================
707. // //
708. ==02=========================//====06==========================================================10==========================================
709. //
710. ==03===============================07==========================================================11==========================================
712. Train: Train357 has arrived to destination from 1 to 1.
714. ==04======================================= ==08==========================================
715. // //
716. ==01=Train357==================//==05==========================================================09==========================================
717. // //
718. ==02=========================//====06==========================================================10==========================================
719. //
720. ==03===============================07==========================================================11==========================================
722. Successfully inserted Train357
723. Inserting Train358
724. Train: Train358 will go from 11 to 3 but will stop at 3 temporarily.
725. Train: Train358 is scheduled to go from 11 to 3.
727. ==04======================================= ==08==========================================
728. // //
729. ==01=Train357==================//==05==========================================================09==========================================
730. // //
731. ==02=========================//====06==========================================================10==========================================
732. //
733. ==03===============================07==========================================================11=Train358=================================
735. Train: Train358 has moved from 11 to 7.
737. ==04======================================= ==08==========================================
738. // //
739. ==01=Train357==================//==05==========================================================09==========================================
740. // //
741. ==02=========================//====06==========================================================10==========================================
742. //
743. ==03===============================07=Train358=================================================11==========================================
745. Train: Train358 has moved from 7 to 3.
747. ==04======================================= ==08==========================================
748. // //
749. ==01=Train357==================//==05==========================================================09==========================================
750. // //
751. ==02=========================//====06==========================================================10==========================================
752. //
753. ==03=Train358======================07==========================================================11==========================================
755. Train: Train358 has arrived to destination from 11 to 3.
757. ==04======================================= ==08==========================================
758. // //
759. ==01=Train357==================//==05==========================================================09==========================================
760. // //
761. ==02=========================//====06==========================================================10==========================================
762. //
763. ==03=Train358======================07==========================================================11==========================================
765. Successfully inserted Train358
766. Inserting Train359
767. Train: Train359 will go from 11 to 3 but will stop at 7 temporarily.
768. Train: Train359 is scheduled to go from 11 to 3.
770. ==04======================================= ==08==========================================
771. // //
772. ==01=Train357==================//==05==========================================================09==========================================
773. // //
774. ==02=========================//====06==========================================================10==========================================
775. //
776. ==03=Train358======================07==========================================================11=Train359=================================
778. Train: Train359 has moved from 11 to 7.
780. ==04======================================= ==08==========================================
781. // //
782. ==01=Train357==================//==05==========================================================09==========================================
783. // //
784. ==02=========================//====06==========================================================10==========================================
785. //
786. ==03=Train358======================07=Train359=================================================11==========================================
788. Train: Train359 has arrived to destination from 11 to 7.
790. ==04======================================= ==08==========================================
791. // //
792. ==01=Train357==================//==05==========================================================09==========================================
793. // //
794. ==02=========================//====06==========================================================10==========================================
795. //
796. ==03=Train358======================07=Train359=================================================11==========================================
798. Successfully inserted Train359
799. Moving Trains: Train357, Train358, Train359
800. ==04======================================= ==08==========================================
801. // //
802. ==01===========================//==05=Train357=================================================09==========================================
803. // //
804. ==02=========================//====06==========================================================10==========================================
805. //
806. ==03=Train359======================07==========================================================11==========================================
807. moveTrainToSection03TransitionOk40 Successful
808. [**moveTrainToSection07TransitionOk05 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection07TransitionOk05)
809. Test failed.
810. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection07TransitionOk05
811. Result: Test Failed
812. Log file content:
813. Adding Trains in Bulk:
814. Inserting Train181
815. Train: Train181 will go from 3 to 4 but will stop at 3 temporarily.
816. Train: Train181 is scheduled to go from 3 to 4.
818. ==04======================================= ==08==========================================
819. // //
820. ==01===========================//==05==========================================================09==========================================
821. // //
822. ==02=========================//====06==========================================================10==========================================
823. //
824. ==03=Train181======================07==========================================================11==========================================
826. Train: Train181 has arrived to destination from 3 to 3.
828. ==04======================================= ==08==========================================
829. // //
830. ==01===========================//==05==========================================================09==========================================
831. // //
832. ==02=========================//====06==========================================================10==========================================
833. //
834. ==03=Train181======================07==========================================================11==========================================
836. Successfully inserted Train181
837. Inserting Train182
838. Train: Train182 will go from 11 to 3 but will stop at 11 temporarily.
839. Train: Train182 is scheduled to go from 11 to 3.
841. ==04======================================= ==08==========================================
842. // //
843. ==01===========================//==05==========================================================09==========================================
844. // //
845. ==02=========================//====06==========================================================10==========================================
846. //
847. ==03=Train181======================07==========================================================11=Train182=================================
849. Train: Train182 has arrived to destination from 11 to 11.
851. ==04======================================= ==08==========================================
852. // //
853. ==01===========================//==05==========================================================09==========================================
854. // //
855. ==02=========================//====06==========================================================10==========================================
856. //
857. ==03=Train181======================07==========================================================11=Train182=================================
859. Successfully inserted Train182
860. Moving Trains: Train181, Train182
861. ==04======================================= ==08==========================================
862. // //
863. ==01===========================//==05==========================================================09==========================================
864. // //
865. ==02=========================//====06==========================================================10==========================================
866. //
867. ==03===============================07=Train181=================================================11=Train182=================================
868. [**testcase010 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#testcase010)
869. Test failed.
870. Detailed result for Section01InterlockingImplTestingFinal: testcase010
871. Result: Test Failed
872. Log file content:
873. Adding Trains in Bulk:
874. Inserting Train486
875. Train: Train486 will go from 9 to 2 but will stop at 6 temporarily.
876. Train: Train486 is scheduled to go from 9 to 2.
878. ==04======================================= ==08==========================================
879. // //
880. ==01===========================//==05==========================================================09=Train486=================================
881. // //
882. ==02=========================//====06==========================================================10==========================================
883. //
884. ==03===============================07==========================================================11==========================================
886. Train: Train486 has moved from 9 to 6.
888. ==04======================================= ==08==========================================
889. // //
890. ==01===========================//==05==========================================================09==========================================
891. // //
892. ==02=========================//====06=Train486=================================================10==========================================
893. //
894. ==03===============================07==========================================================11==========================================
896. Train: Train486 has arrived to destination from 9 to 6.
898. ==04======================================= ==08==========================================
899. // //
900. ==01===========================//==05==========================================================09==========================================
901. // //
902. ==02=========================//====06=Train486=================================================10==========================================
903. //
904. ==03===============================07==========================================================11==========================================
906. Successfully inserted Train486
907. Inserting Train487
908. Train: Train487 will go from 9 to 2 but will stop at 9 temporarily.
909. Train: Train487 is scheduled to go from 9 to 2.
911. ==04======================================= ==08==========================================
912. // //
913. ==01===========================//==05==========================================================09=Train487=================================
914. // //
915. ==02=========================//====06=Train486=================================================10==========================================
916. //
917. ==03===============================07==========================================================11==========================================
919. Train: Train487 has arrived to destination from 9 to 9.
921. ==04======================================= ==08==========================================
922. // //
923. ==01===========================//==05==========================================================09=Train487=================================
924. // //
925. ==02=========================//====06=Train486=================================================10==========================================
926. //
927. ==03===============================07==========================================================11==========================================
929. Successfully inserted Train487
930. Inserting Train488
931. Train: Train488 will go from 10 to 2 but will stop at 10 temporarily.
932. Train: Train488 is scheduled to go from 10 to 2.
934. ==04======================================= ==08==========================================
935. // //
936. ==01===========================//==05==========================================================09=Train487=================================
937. // //
938. ==02=========================//====06=Train486=================================================10=Train488=================================
939. //
940. ==03===============================07==========================================================11==========================================
942. Train: Train488 has arrived to destination from 10 to 10.
944. ==04======================================= ==08==========================================
945. // //
946. ==01===========================//==05==========================================================09=Train487=================================
947. // //
948. ==02=========================//====06=Train486=================================================10=Train488=================================
949. //
950. ==03===============================07==========================================================11==========================================
952. Successfully inserted Train488
953. Moving Trains: Train486, Train487, Train488
954. ==04======================================= ==08==========================================
955. // //
956. ==01===========================//==05==========================================================09==========================================
957. // //
958. ==02=Train486================//====06=Train487=================================================10=Train488=================================
959. //
960. ==03===============================07==========================================================11==========================================
961. Train487 Move Status: Deadlock TestingStatus: Testing Failed
962. Train488 Move Status: Deadlock TestingStatus: Testing Successful
963. [**moveTrainToSection03TransitionOk45 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk45)
964. Test passed successfully.
965. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk45
966. Result: Test Passed
967. Log file content:
968. Adding Trains in Bulk:
969. Inserting Train377
970. Train: Train377 will go from 3 to 4 but will stop at 4 temporarily.
971. Train: Train377 is scheduled to go from 3 to 4.
973. ==04======================================= ==08==========================================
974. // //
975. ==01===========================//==05==========================================================09==========================================
976. // //
977. ==02=========================//====06==========================================================10==========================================
978. //
979. ==03=Train377======================07==========================================================11==========================================
981. Train: Train377 has moved from 3 to 7.
983. ==04======================================= ==08==========================================
984. // //
985. ==01===========================//==05==========================================================09==========================================
986. // //
987. ==02=========================//====06==========================================================10==========================================
988. //
989. ==03===============================07=Train377=================================================11==========================================
991. Train: Train377 has moved from 7 to 4.
993. ==04=Train377============================== ==08==========================================
994. // //
995. ==01===========================//==05==========================================================09==========================================
996. // //
997. ==02=========================//====06==========================================================10==========================================
998. //
999. ==03===============================07==========================================================11==========================================
1001. Train: Train377 has arrived to destination from 3 to 4.
1003. ==04=Train377============================== ==08==========================================
1004. // //
1005. ==01===========================//==05==========================================================09==========================================
1006. // //
1007. ==02=========================//====06==========================================================10==========================================
1008. //
1009. ==03===============================07==========================================================11==========================================
1011. Successfully inserted Train377
1012. Inserting Train378
1013. Train: Train378 will go from 1 to 9 but will stop at 1 temporarily.
1014. Train: Train378 is scheduled to go from 1 to 9.
1016. ==04=Train377============================== ==08==========================================
1017. // //
1018. ==01=Train378==================//==05==========================================================09==========================================
1019. // //
1020. ==02=========================//====06==========================================================10==========================================
1021. //
1022. ==03===============================07==========================================================11==========================================
1024. Train: Train378 has arrived to destination from 1 to 1.
1026. ==04=Train377============================== ==08==========================================
1027. // //
1028. ==01=Train378==================//==05==========================================================09==========================================
1029. // //
1030. ==02=========================//====06==========================================================10==========================================
1031. //
1032. ==03===============================07==========================================================11==========================================
1034. Successfully inserted Train378
1035. Inserting Train379
1036. Train: Train379 will go from 11 to 3 but will stop at 3 temporarily.
1037. Train: Train379 is scheduled to go from 11 to 3.
1039. ==04=Train377============================== ==08==========================================
1040. // //
1041. ==01=Train378==================//==05==========================================================09==========================================
1042. // //
1043. ==02=========================//====06==========================================================10==========================================
1044. //
1045. ==03===============================07==========================================================11=Train379=================================
1047. Train: Train379 has moved from 11 to 7.
1049. ==04=Train377============================== ==08==========================================
1050. // //
1051. ==01=Train378==================//==05==========================================================09==========================================
1052. // //
1053. ==02=========================//====06==========================================================10==========================================
1054. //
1055. ==03===============================07=Train379=================================================11==========================================
1057. Train: Train379 has moved from 7 to 3.
1059. ==04=Train377============================== ==08==========================================
1060. // //
1061. ==01=Train378==================//==05==========================================================09==========================================
1062. // //
1063. ==02=========================//====06==========================================================10==========================================
1064. //
1065. ==03=Train379======================07==========================================================11==========================================
1067. Train: Train379 has arrived to destination from 11 to 3.
1069. ==04=Train377============================== ==08==========================================
1070. // //
1071. ==01=Train378==================//==05==========================================================09==========================================
1072. // //
1073. ==02=========================//====06==========================================================10==========================================
1074. //
1075. ==03=Train379======================07==========================================================11==========================================
1077. Successfully inserted Train379
1078. Inserting Train380
1079. Train: Train380 will go from 11 to 3 but will stop at 7 temporarily.
1080. Train: Train380 is scheduled to go from 11 to 3.
1082. ==04=Train377============================== ==08==========================================
1083. // //
1084. ==01=Train378==================//==05==========================================================09==========================================
1085. // //
1086. ==02=========================//====06==========================================================10==========================================
1087. //
1088. ==03=Train379======================07==========================================================11=Train380=================================
1090. Train: Train380 has moved from 11 to 7.
1092. ==04=Train377============================== ==08==========================================
1093. // //
1094. ==01=Train378==================//==05==========================================================09==========================================
1095. // //
1096. ==02=========================//====06==========================================================10==========================================
1097. //
1098. ==03=Train379======================07=Train380=================================================11==========================================
1100. Train: Train380 has arrived to destination from 11 to 7.
1102. ==04=Train377============================== ==08==========================================
1103. // //
1104. ==01=Train378==================//==05==========================================================09==========================================
1105. // //
1106. ==02=========================//====06==========================================================10==========================================
1107. //
1108. ==03=Train379======================07=Train380=================================================11==========================================
1110. Successfully inserted Train380
1111. Inserting Train381
1112. Train: Train381 will go from 11 to 3 but will stop at 11 temporarily.
1113. Train: Train381 is scheduled to go from 11 to 3.
1115. ==04=Train377============================== ==08==========================================
1116. // //
1117. ==01=Train378==================//==05==========================================================09==========================================
1118. // //
1119. ==02=========================//====06==========================================================10==========================================
1120. //
1121. ==03=Train379======================07=Train380=================================================11=Train381=================================
1123. Train: Train381 has arrived to destination from 11 to 11.
1125. ==04=Train377============================== ==08==========================================
1126. // //
1127. ==01=Train378==================//==05==========================================================09==========================================
1128. // //
1129. ==02=========================//====06==========================================================10==========================================
1130. //
1131. ==03=Train379======================07=Train380=================================================11=Train381=================================
1133. Successfully inserted Train381
1134. Moving Trains: Train377, Train378, Train379, Train380, Train381
1135. ==04======================================= ==08==========================================
1136. // //
1137. ==01===========================//==05=Train378=================================================09==========================================
1138. // //
1139. ==02=========================//====06==========================================================10==========================================
1140. //
1141. ==03=Train380======================07=Train381=================================================11==========================================
1142. moveTrainToSection03TransitionOk45 Successful
1143. [**testcase005 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#testcase005)
1144. Test failed.
1145. Detailed result for Section01InterlockingImplTestingFinal: testcase005
1146. Result: Test Failed
1147. Log file content:
1148. Adding Trains in Bulk:
1149. Inserting Train465
1150. Train: Train465 will go from 4 to 3 but will stop at 4 temporarily.
1151. Train: Train465 is scheduled to go from 4 to 3.
1153. ==04=Train465============================== ==08==========================================
1154. // //
1155. ==01===========================//==05==========================================================09==========================================
1156. // //
1157. ==02=========================//====06==========================================================10==========================================
1158. //
1159. ==03===============================07==========================================================11==========================================
1161. Train: Train465 has arrived to destination from 4 to 4.
1163. ==04=Train465============================== ==08==========================================
1164. // //
1165. ==01===========================//==05==========================================================09==========================================
1166. // //
1167. ==02=========================//====06==========================================================10==========================================
1168. //
1169. ==03===============================07==========================================================11==========================================
1171. Successfully inserted Train465
1172. Inserting Train466
1173. Train: Train466 will go from 1 to 9 but will stop at 1 temporarily.
1174. Train: Train466 is scheduled to go from 1 to 9.
1176. ==04=Train465============================== ==08==========================================
1177. // //
1178. ==01=Train466==================//==05==========================================================09==========================================
1179. // //
1180. ==02=========================//====06==========================================================10==========================================
1181. //
1182. ==03===============================07==========================================================11==========================================
1184. Train: Train466 has arrived to destination from 1 to 1.
1186. ==04=Train465============================== ==08==========================================
1187. // //
1188. ==01=Train466==================//==05==========================================================09==========================================
1189. // //
1190. ==02=========================//====06==========================================================10==========================================
1191. //
1192. ==03===============================07==========================================================11==========================================
1194. Successfully inserted Train466
1195. Inserting Train467
1196. Train: Train467 will go from 10 to 2 but will stop at 6 temporarily.
1197. Train: Train467 is scheduled to go from 10 to 2.
1199. ==04=Train465============================== ==08==========================================
1200. // //
1201. ==01=Train466==================//==05==========================================================09==========================================
1202. // //
1203. ==02=========================//====06==========================================================10=Train467=================================
1204. //
1205. ==03===============================07==========================================================11==========================================
1207. Train: Train467 has moved from 10 to 6.
1209. ==04=Train465============================== ==08==========================================
1210. // //
1211. ==01=Train466==================//==05==========================================================09==========================================
1212. // //
1213. ==02=========================//====06=Train467=================================================10==========================================
1214. //
1215. ==03===============================07==========================================================11==========================================
1217. Train: Train467 has arrived to destination from 10 to 6.
1219. ==04=Train465============================== ==08==========================================
1220. // //
1221. ==01=Train466==================//==05==========================================================09==========================================
1222. // //
1223. ==02=========================//====06=Train467=================================================10==========================================
1224. //
1225. ==03===============================07==========================================================11==========================================
1227. Successfully inserted Train467
1228. Inserting Train468
1229. Train: Train468 will go from 3 to 11 but will stop at 3 temporarily.
1230. Train: Train468 is scheduled to go from 3 to 11.
1232. ==04=Train465============================== ==08==========================================
1233. // //
1234. ==01=Train466==================//==05==========================================================09==========================================
1235. // //
1236. ==02=========================//====06=Train467=================================================10==========================================
1237. //
1238. ==03=Train468======================07==========================================================11==========================================
1240. Train: Train468 has arrived to destination from 3 to 3.
1242. ==04=Train465============================== ==08==========================================
1243. // //
1244. ==01=Train466==================//==05==========================================================09==========================================
1245. // //
1246. ==02=========================//====06=Train467=================================================10==========================================
1247. //
1248. ==03=Train468======================07==========================================================11==========================================
1250. Successfully inserted Train468
1251. Inserting Train469
1252. Train: Train469 will go from 11 to 3 but will stop at 11 temporarily.
1253. Train: Train469 is scheduled to go from 11 to 3.
1255. ==04=Train465============================== ==08==========================================
1256. // //
1257. ==01=Train466==================//==05==========================================================09==========================================
1258. // //
1259. ==02=========================//====06=Train467=================================================10==========================================
1260. //
1261. ==03=Train468======================07==========================================================11=Train469=================================
1263. Train: Train469 has arrived to destination from 11 to 11.
1265. ==04=Train465============================== ==08==========================================
1266. // //
1267. ==01=Train466==================//==05==========================================================09==========================================
1268. // //
1269. ==02=========================//====06=Train467=================================================10==========================================
1270. //
1271. ==03=Train468======================07==========================================================11=Train469=================================
1273. Successfully inserted Train469
1274. Moving Trains: Train465, Train466, Train467, Train468, Train469
1275. ==04=Train465============================== ==08==========================================
1276. // //
1277. ==01===========================//==05=Train466=================================================09==========================================
1278. // //
1279. ==02=Train467================//====06==========================================================10==========================================
1280. //
1281. ==03===============================07=Train468=================================================11=Train469=================================
1282. Train465 Move Status: Block TestingStatus: Testing Successful
1283. Train468 Move Status: Deadlock TestingStatus: Testing Failed
1284. Train469 Move Status: Deadlock TestingStatus: Testing Successful
1285. [**moveTrainToSection01TransitionOk00 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection01TransitionOk00)
1286. Test passed successfully.
1287. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection01TransitionOk00
1288. Result: Test Passed
1289. Log file content:
1290. Train: Train061 will go from 3 to 4 but will stop at 3 temporarily.
1291. Train: Train061 is scheduled to go from 3 to 4.
1292. ==04======================================= ==08==========================================
1293. // //
1294. ==01===========================//==05==========================================================09==========================================
1295. // //
1296. ==02=========================//====06==========================================================10==========================================
1297. //
1298. ==03=Train061======================07==========================================================11==========================================
1299. Train: Train061 has arrived to destination from 3 to 3.
1300. ==04======================================= ==08==========================================
1301. // //
1302. ==01===========================//==05==========================================================09==========================================
1303. // //
1304. ==02=========================//====06==========================================================10==========================================
1305. //
1306. ==03=Train061======================07==========================================================11==========================================
1307. Train: Train061 has moved from 4
1308. Moving Trains out in Bulk:
1309. Removing Train061
1310. Train: Train061 has moved from 7 to 4.
1312. ==04=Train061============================== ==08==========================================
1313. // //
1314. ==01===========================//==05==========================================================09==========================================
1315. // //
1316. ==02=========================//====06==========================================================10==========================================
1317. //
1318. ==03===============================07==========================================================11==========================================
1320. Train: Train061 has moved from 4 to out of the system.
1322. ==04======================================= ==08==========================================
1323. // //
1324. ==01===========================//==05==========================================================09==========================================
1325. // //
1326. ==02=========================//====06==========================================================10==========================================
1327. //
1328. ==03===============================07==========================================================11==========================================
1330. Successfully removed Train061
1331. Train: Train062 will go from 3 to 11 but will stop at 3 temporarily.
1332. Train: Train062 is scheduled to go from 3 to 11.
1333. ==04======================================= ==08==========================================
1334. // //
1335. ==01===========================//==05==========================================================09==========================================
1336. // //
1337. ==02=========================//====06==========================================================10==========================================
1338. //
1339. ==03=Train062======================07==========================================================11==========================================
1340. Train: Train062 has arrived to destination from 3 to 3.
1341. ==04======================================= ==08==========================================
1342. // //
1343. ==01===========================//==05==========================================================09==========================================
1344. // //
1345. ==02=========================//====06==========================================================10==========================================
1346. //
1347. ==03=Train062======================07==========================================================11==========================================
1348. Train: Train062 has moved from 11
1349. Moving Trains out in Bulk:
1350. Removing Train062
1351. Train: Train062 has moved from 7 to 11.
1353. ==04======================================= ==08==========================================
1354. // //
1355. ==01===========================//==05==========================================================09==========================================
1356. // //
1357. ==02=========================//====06==========================================================10==========================================
1358. //
1359. ==03===============================07==========================================================11=Train062=================================
1361. Train: Train062 has moved from 11 to out of the system.
1363. ==04======================================= ==08==========================================
1364. // //
1365. ==01===========================//==05==========================================================09==========================================
1366. // //
1367. ==02=========================//====06==========================================================10==========================================
1368. //
1369. ==03===============================07==========================================================11==========================================
1371. Successfully removed Train062
1372. Train: Train063 will go from 3 to 11 but will stop at 3 temporarily.
1373. Train: Train063 is scheduled to go from 3 to 11.
1374. ==04======================================= ==08==========================================
1375. // //
1376. ==01===========================//==05==========================================================09==========================================
1377. // //
1378. ==02=========================//====06==========================================================10==========================================
1379. //
1380. ==03=Train063======================07==========================================================11==========================================
1381. Train: Train063 has arrived to destination from 3 to 3.
1382. ==04======================================= ==08==========================================
1383. // //
1384. ==01===========================//==05==========================================================09==========================================
1385. // //
1386. ==02=========================//====06==========================================================10==========================================
1387. //
1388. ==03=Train063======================07==========================================================11==========================================
1389. Train: Train063 has moved from 7
1390. Moving Trains out in Bulk:
1391. Removing Train063
1392. Train: Train063 has moved from 7 to 11.
1394. ==04======================================= ==08==========================================
1395. // //
1396. ==01===========================//==05==========================================================09==========================================
1397. // //
1398. ==02=========================//====06==========================================================10==========================================
1399. //
1400. ==03===============================07==========================================================11=Train063=================================
1402. Train: Train063 has moved from 11 to out of the system.
1404. ==04======================================= ==08==========================================
1405. // //
1406. ==01===========================//==05==========================================================09==========================================
1407. // //
1408. ==02=========================//====06==========================================================10==========================================
1409. //
1410. ==03===============================07==========================================================11==========================================
1412. Successfully removed Train063
1413. Train: Train064 will go from 3 to 11 but will stop at 3 temporarily.
1414. Train: Train064 is scheduled to go from 3 to 11.
1415. ==04======================================= ==08==========================================
1416. // //
1417. ==01===========================//==05==========================================================09==========================================
1418. // //
1419. ==02=========================//====06==========================================================10==========================================
1420. //
1421. ==03=Train064======================07==========================================================11==========================================
1422. Train: Train064 has arrived to destination from 3 to 3.
1423. ==04======================================= ==08==========================================
1424. // //
1425. ==01===========================//==05==========================================================09==========================================
1426. // //
1427. ==02=========================//====06==========================================================10==========================================
1428. //
1429. ==03=Train064======================07==========================================================11==========================================
1430. Train: Train064 has moved from 3
1431. Moving Trains out in Bulk:
1432. Removing Train064
1433. Train: Train064 has moved from 7 to 11.
1435. ==04======================================= ==08==========================================
1436. // //
1437. ==01===========================//==05==========================================================09==========================================
1438. // //
1439. ==02=========================//====06==========================================================10==========================================
1440. //
1441. ==03===============================07==========================================================11=Train064=================================
1443. Train: Train064 has moved from 11 to out of the system.
1445. ==04======================================= ==08==========================================
1446. // //
1447. ==01===========================//==05==========================================================09==========================================
1448. // //
1449. ==02=========================//====06==========================================================10==========================================
1450. //
1451. ==03===============================07==========================================================11==========================================
1453. Successfully removed Train064
1454. Train: Train065 will go from 1 to 8 but will stop at 1 temporarily.
1455. Train: Train065 is scheduled to go from 1 to 8.
1456. ==04======================================= ==08==========================================
1457. // //
1458. ==01=Train065==================//==05==========================================================09==========================================
1459. // //
1460. ==02=========================//====06==========================================================10==========================================
1461. //
1462. ==03===============================07==========================================================11==========================================
1463. Train: Train065 has arrived to destination from 1 to 1.
1464. ==04======================================= ==08==========================================
1465. // //
1466. ==01=Train065==================//==05==========================================================09==========================================
1467. // //
1468. ==02=========================//====06==========================================================10==========================================
1469. //
1470. ==03===============================07==========================================================11==========================================
1471. Train: Train065 has moved from 8
1472. Moving Trains out in Bulk:
1473. Removing Train065
1474. Train: Train065 has moved from 5 to 9.
1476. ==04======================================= ==08==========================================
1477. // //
1478. ==01===========================//==05==========================================================09=Train065=================================
1479. // //
1480. ==02=========================//====06==========================================================10==========================================
1481. //
1482. ==03===============================07==========================================================11==========================================
1484. Train: Train065 has moved from 9 to 8.
1486. ==04======================================= ==08=Train065=================================
1487. // //
1488. ==01===========================//==05==========================================================09==========================================
1489. // //
1490. ==02=========================//====06==========================================================10==========================================
1491. //
1492. ==03===============================07==========================================================11==========================================
1494. Train: Train065 has moved from 8 to out of the system.
1496. ==04======================================= ==08==========================================
1497. // //
1498. ==01===========================//==05==========================================================09==========================================
1499. // //
1500. ==02=========================//====06==========================================================10==========================================
1501. //
1502. ==03===============================07==========================================================11==========================================
1504. Successfully removed Train065
1505. Train: Train066 will go from 1 to 9 but will stop at 1 temporarily.
1506. Train: Train066 is scheduled to go from 1 to 9.
1507. ==04======================================= ==08==========================================
1508. // //
1509. ==01=Train066==================//==05==========================================================09==========================================
1510. // //
1511. ==02=========================//====06==========================================================10==========================================
1512. //
1513. ==03===============================07==========================================================11==========================================
1514. Train: Train066 has arrived to destination from 1 to 1.
1515. ==04======================================= ==08==========================================
1516. // //
1517. ==01=Train066==================//==05==========================================================09==========================================
1518. // //
1519. ==02=========================//====06==========================================================10==========================================
1520. //
1521. ==03===============================07==========================================================11==========================================
1522. Train: Train066 has moved from 9
1523. Moving Trains out in Bulk:
1524. Removing Train066
1525. Train: Train066 has moved from 5 to 9.
1527. ==04======================================= ==08==========================================
1528. // //
1529. ==01===========================//==05==========================================================09=Train066=================================
1530. // //
1531. ==02=========================//====06==========================================================10==========================================
1532. //
1533. ==03===============================07==========================================================11==========================================
1535. Train: Train066 has moved from 9 to out of the system.
1537. ==04======================================= ==08==========================================
1538. // //
1539. ==01===========================//==05==========================================================09==========================================
1540. // //
1541. ==02=========================//====06==========================================================10==========================================
1542. //
1543. ==03===============================07==========================================================11==========================================
1545. Successfully removed Train066
1546. Train: Train067 will go from 1 to 9 but will stop at 1 temporarily.
1547. Train: Train067 is scheduled to go from 1 to 9.
1548. ==04======================================= ==08==========================================
1549. // //
1550. ==01=Train067==================//==05==========================================================09==========================================
1551. // //
1552. ==02=========================//====06==========================================================10==========================================
1553. //
1554. ==03===============================07==========================================================11==========================================
1555. Train: Train067 has arrived to destination from 1 to 1.
1556. ==04======================================= ==08==========================================
1557. // //
1558. ==01=Train067==================//==05==========================================================09==========================================
1559. // //
1560. ==02=========================//====06==========================================================10==========================================
1561. //
1562. ==03===============================07==========================================================11==========================================
1563. Train: Train067 has moved from 5
1564. Moving Trains out in Bulk:
1565. Removing Train067
1566. Train: Train067 has moved from 5 to 9.
1568. ==04======================================= ==08==========================================
1569. // //
1570. ==01===========================//==05==========================================================09=Train067=================================
1571. // //
1572. ==02=========================//====06==========================================================10==========================================
1573. //
1574. ==03===============================07==========================================================11==========================================
1576. Train: Train067 has moved from 9 to out of the system.
1578. ==04======================================= ==08==========================================
1579. // //
1580. ==01===========================//==05==========================================================09==========================================
1581. // //
1582. ==02=========================//====06==========================================================10==========================================
1583. //
1584. ==03===============================07==========================================================11==========================================
1586. Successfully removed Train067
1587. Train: Train068 will go from 1 to 9 but will stop at 1 temporarily.
1588. Train: Train068 is scheduled to go from 1 to 9.
1589. ==04======================================= ==08==========================================
1590. // //
1591. ==01=Train068==================//==05==========================================================09==========================================
1592. // //
1593. ==02=========================//====06==========================================================10==========================================
1594. //
1595. ==03===============================07==========================================================11==========================================
1596. Train: Train068 has arrived to destination from 1 to 1.
1597. ==04======================================= ==08==========================================
1598. // //
1599. ==01=Train068==================//==05==========================================================09==========================================
1600. // //
1601. ==02=========================//====06==========================================================10==========================================
1602. //
1603. ==03===============================07==========================================================11==========================================
1604. Train: Train068 has moved from 1
1605. Moving Trains out in Bulk:
1606. Removing Train068
1607. Train: Train068 has moved from 5 to 9.
1609. ==04======================================= ==08==========================================
1610. // //
1611. ==01===========================//==05==========================================================09=Train068=================================
1612. // //
1613. ==02=========================//====06==========================================================10==========================================
1614. //
1615. ==03===============================07==========================================================11==========================================
1617. Train: Train068 has moved from 9 to out of the system.
1619. ==04======================================= ==08==========================================
1620. // //
1621. ==01===========================//==05==========================================================09==========================================
1622. // //
1623. ==02=========================//====06==========================================================10==========================================
1624. //
1625. ==03===============================07==========================================================11==========================================
1627. Successfully removed Train068
1628. Train: Train069 will go from 10 to 2 but will stop at 10 temporarily.
1629. Train: Train069 is scheduled to go from 10 to 2.
1630. ==04======================================= ==08==========================================
1631. // //
1632. ==01===========================//==05==========================================================09==========================================
1633. // //
1634. ==02=========================//====06==========================================================10=Train069=================================
1635. //
1636. ==03===============================07==========================================================11==========================================
1637. Train: Train069 has arrived to destination from 10 to 10.
1638. ==04======================================= ==08==========================================
1639. // //
1640. ==01===========================//==05==========================================================09==========================================
1641. // //
1642. ==02=========================//====06==========================================================10=Train069=================================
1643. //
1644. ==03===============================07==========================================================11==========================================
1645. Train: Train069 has moved from 2
1646. Moving Trains out in Bulk:
1647. Removing Train069
1648. Train: Train069 has moved from 6 to 2.
1650. ==04======================================= ==08==========================================
1651. // //
1652. ==01===========================//==05==========================================================09==========================================
1653. // //
1654. ==02=Train069================//====06==========================================================10==========================================
1655. //
1656. ==03===============================07==========================================================11==========================================
1658. Train: Train069 has moved from 2 to out of the system.
1660. ==04======================================= ==08==========================================
1661. // //
1662. ==01===========================//==05==========================================================09==========================================
1663. // //
1664. ==02=========================//====06==========================================================10==========================================
1665. //
1666. ==03===============================07==========================================================11==========================================
1668. Successfully removed Train069
1669. Train: Train070 will go from 10 to 2 but will stop at 10 temporarily.
1670. Train: Train070 is scheduled to go from 10 to 2.
1671. ==04======================================= ==08==========================================
1672. // //
1673. ==01===========================//==05==========================================================09==========================================
1674. // //
1675. ==02=========================//====06==========================================================10=Train070=================================
1676. //
1677. ==03===============================07==========================================================11==========================================
1678. Train: Train070 has arrived to destination from 10 to 10.
1679. ==04======================================= ==08==========================================
1680. // //
1681. ==01===========================//==05==========================================================09==========================================
1682. // //
1683. ==02=========================//====06==========================================================10=Train070=================================
1684. //
1685. ==03===============================07==========================================================11==========================================
1686. Train: Train070 has moved from 6
1687. Moving Trains out in Bulk:
1688. Removing Train070
1689. Train: Train070 has moved from 6 to 2.
1691. ==04======================================= ==08==========================================
1692. // //
1693. ==01===========================//==05==========================================================09==========================================
1694. // //
1695. ==02=Train070================//====06==========================================================10==========================================
1696. //
1697. ==03===============================07==========================================================11==========================================
1699. Train: Train070 has moved from 2 to out of the system.
1701. ==04======================================= ==08==========================================
1702. // //
1703. ==01===========================//==05==========================================================09==========================================
1704. // //
1705. ==02=========================//====06==========================================================10==========================================
1706. //
1707. ==03===============================07==========================================================11==========================================
1709. Successfully removed Train070
1710. Train: Train071 will go from 10 to 2 but will stop at 10 temporarily.
1711. Train: Train071 is scheduled to go from 10 to 2.
1712. ==04======================================= ==08==========================================
1713. // //
1714. ==01===========================//==05==========================================================09==========================================
1715. // //
1716. ==02=========================//====06==========================================================10=Train071=================================
1717. //
1718. ==03===============================07==========================================================11==========================================
1719. Train: Train071 has arrived to destination from 10 to 10.
1720. ==04======================================= ==08==========================================
1721. // //
1722. ==01===========================//==05==========================================================09==========================================
1723. // //
1724. ==02=========================//====06==========================================================10=Train071=================================
1725. //
1726. ==03===============================07==========================================================11==========================================
1727. Train: Train071 has moved from 10
1728. Moving Trains out in Bulk:
1729. Removing Train071
1730. Train: Train071 has moved from 6 to 2.
1732. ==04======================================= ==08==========================================
1733. // //
1734. ==01===========================//==05==========================================================09==========================================
1735. // //
1736. ==02=Train071================//====06==========================================================10==========================================
1737. //
1738. ==03===============================07==========================================================11==========================================
1740. Train: Train071 has moved from 2 to out of the system.
1742. ==04======================================= ==08==========================================
1743. // //
1744. ==01===========================//==05==========================================================09==========================================
1745. // //
1746. ==02=========================//====06==========================================================10==========================================
1747. //
1748. ==03===============================07==========================================================11==========================================
1750. Successfully removed Train071
1751. No train is able to go to station 1.
1752. moveTrainToSection01TransitionOk00 Successful
1753. [**moveTrainToSection03TransitionOk55 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk55)
1754. Test passed successfully.
1755. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk55
1756. Result: Test Passed
1757. Log file content:
1758. Adding Trains in Bulk:
1759. Inserting Train420
1760. Train: Train420 will go from 4 to 3 but will stop at 4 temporarily.
1761. Train: Train420 is scheduled to go from 4 to 3.
1763. ==04=Train420============================== ==08==========================================
1764. // //
1765. ==01===========================//==05==========================================================09==========================================
1766. // //
1767. ==02=========================//====06==========================================================10==========================================
1768. //
1769. ==03===============================07==========================================================11==========================================
1771. Train: Train420 has arrived to destination from 4 to 4.
1773. ==04=Train420============================== ==08==========================================
1774. // //
1775. ==01===========================//==05==========================================================09==========================================
1776. // //
1777. ==02=========================//====06==========================================================10==========================================
1778. //
1779. ==03===============================07==========================================================11==========================================
1781. Successfully inserted Train420
1782. Inserting Train421
1783. Train: Train421 will go from 1 to 9 but will stop at 1 temporarily.
1784. Train: Train421 is scheduled to go from 1 to 9.
1786. ==04=Train420============================== ==08==========================================
1787. // //
1788. ==01=Train421==================//==05==========================================================09==========================================
1789. // //
1790. ==02=========================//====06==========================================================10==========================================
1791. //
1792. ==03===============================07==========================================================11==========================================
1794. Train: Train421 has arrived to destination from 1 to 1.
1796. ==04=Train420============================== ==08==========================================
1797. // //
1798. ==01=Train421==================//==05==========================================================09==========================================
1799. // //
1800. ==02=========================//====06==========================================================10==========================================
1801. //
1802. ==03===============================07==========================================================11==========================================
1804. Successfully inserted Train421
1805. Inserting Train422
1806. Train: Train422 will go from 10 to 2 but will stop at 6 temporarily.
1807. Train: Train422 is scheduled to go from 10 to 2.
1809. ==04=Train420============================== ==08==========================================
1810. // //
1811. ==01=Train421==================//==05==========================================================09==========================================
1812. // //
1813. ==02=========================//====06==========================================================10=Train422=================================
1814. //
1815. ==03===============================07==========================================================11==========================================
1817. Train: Train422 has moved from 10 to 6.
1819. ==04=Train420============================== ==08==========================================
1820. // //
1821. ==01=Train421==================//==05==========================================================09==========================================
1822. // //
1823. ==02=========================//====06=Train422=================================================10==========================================
1824. //
1825. ==03===============================07==========================================================11==========================================
1827. Train: Train422 has arrived to destination from 10 to 6.
1829. ==04=Train420============================== ==08==========================================
1830. // //
1831. ==01=Train421==================//==05==========================================================09==========================================
1832. // //
1833. ==02=========================//====06=Train422=================================================10==========================================
1834. //
1835. ==03===============================07==========================================================11==========================================
1837. Successfully inserted Train422
1838. Inserting Train423
1839. Train: Train423 will go from 11 to 3 but will stop at 7 temporarily.
1840. Train: Train423 is scheduled to go from 11 to 3.
1842. ==04=Train420============================== ==08==========================================
1843. // //
1844. ==01=Train421==================//==05==========================================================09==========================================
1845. // //
1846. ==02=========================//====06=Train422=================================================10==========================================
1847. //
1848. ==03===============================07==========================================================11=Train423=================================
1850. Train: Train423 has moved from 11 to 7.
1852. ==04=Train420============================== ==08==========================================
1853. // //
1854. ==01=Train421==================//==05==========================================================09==========================================
1855. // //
1856. ==02=========================//====06=Train422=================================================10==========================================
1857. //
1858. ==03===============================07=Train423=================================================11==========================================
1860. Train: Train423 has arrived to destination from 11 to 7.
1862. ==04=Train420============================== ==08==========================================
1863. // //
1864. ==01=Train421==================//==05==========================================================09==========================================
1865. // //
1866. ==02=========================//====06=Train422=================================================10==========================================
1867. //
1868. ==03===============================07=Train423=================================================11==========================================
1870. Successfully inserted Train423
1871. Inserting Train424
1872. Train: Train424 will go from 11 to 3 but will stop at 11 temporarily.
1873. Train: Train424 is scheduled to go from 11 to 3.
1875. ==04=Train420============================== ==08==========================================
1876. // //
1877. ==01=Train421==================//==05==========================================================09==========================================
1878. // //
1879. ==02=========================//====06=Train422=================================================10==========================================
1880. //
1881. ==03===============================07=Train423=================================================11=Train424=================================
1883. Train: Train424 has arrived to destination from 11 to 11.
1885. ==04=Train420============================== ==08==========================================
1886. // //
1887. ==01=Train421==================//==05==========================================================09==========================================
1888. // //
1889. ==02=========================//====06=Train422=================================================10==========================================
1890. //
1891. ==03===============================07=Train423=================================================11=Train424=================================
1893. Successfully inserted Train424
1894. Moving Trains: Train420, Train421, Train422, Train423, Train424
1895. ==04=Train420============================== ==08==========================================
1896. // //
1897. ==01===========================//==05=Train421=================================================09==========================================
1898. // //
1899. ==02=Train422================//====06==========================================================10==========================================
1900. //
1901. ==03=Train423======================07=Train424=================================================11==========================================
1902. moveTrainToSection03TransitionOk55 Successful
1903. [**moveTrainToSection03TransitionOk50 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk50)
1904. Test passed successfully.
1905. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk50
1906. Result: Test Passed
1907. Log file content:
1908. Adding Trains in Bulk:
1909. Inserting Train400
1910. Train: Train400 will go from 4 to 3 but will stop at 4 temporarily.
1911. Train: Train400 is scheduled to go from 4 to 3.
1913. ==04=Train400============================== ==08==========================================
1914. // //
1915. ==01===========================//==05==========================================================09==========================================
1916. // //
1917. ==02=========================//====06==========================================================10==========================================
1918. //
1919. ==03===============================07==========================================================11==========================================
1921. Train: Train400 has arrived to destination from 4 to 4.
1923. ==04=Train400============================== ==08==========================================
1924. // //
1925. ==01===========================//==05==========================================================09==========================================
1926. // //
1927. ==02=========================//====06==========================================================10==========================================
1928. //
1929. ==03===============================07==========================================================11==========================================
1931. Successfully inserted Train400
1932. Inserting Train401
1933. Train: Train401 will go from 10 to 2 but will stop at 6 temporarily.
1934. Train: Train401 is scheduled to go from 10 to 2.
1936. ==04=Train400============================== ==08==========================================
1937. // //
1938. ==01===========================//==05==========================================================09==========================================
1939. // //
1940. ==02=========================//====06==========================================================10=Train401=================================
1941. //
1942. ==03===============================07==========================================================11==========================================
1944. Train: Train401 has moved from 10 to 6.
1946. ==04=Train400============================== ==08==========================================
1947. // //
1948. ==01===========================//==05==========================================================09==========================================
1949. // //
1950. ==02=========================//====06=Train401=================================================10==========================================
1951. //
1952. ==03===============================07==========================================================11==========================================
1954. Train: Train401 has arrived to destination from 10 to 6.
1956. ==04=Train400============================== ==08==========================================
1957. // //
1958. ==01===========================//==05==========================================================09==========================================
1959. // //
1960. ==02=========================//====06=Train401=================================================10==========================================
1961. //
1962. ==03===============================07==========================================================11==========================================
1964. Successfully inserted Train401
1965. Inserting Train402
1966. Train: Train402 will go from 11 to 3 but will stop at 3 temporarily.
1967. Train: Train402 is scheduled to go from 11 to 3.
1969. ==04=Train400============================== ==08==========================================
1970. // //
1971. ==01===========================//==05==========================================================09==========================================
1972. // //
1973. ==02=========================//====06=Train401=================================================10==========================================
1974. //
1975. ==03===============================07==========================================================11=Train402=================================
1977. Train: Train402 has moved from 11 to 7.
1979. ==04=Train400============================== ==08==========================================
1980. // //
1981. ==01===========================//==05==========================================================09==========================================
1982. // //
1983. ==02=========================//====06=Train401=================================================10==========================================
1984. //
1985. ==03===============================07=Train402=================================================11==========================================
1987. Train: Train402 has moved from 7 to 3.
1989. ==04=Train400============================== ==08==========================================
1990. // //
1991. ==01===========================//==05==========================================================09==========================================
1992. // //
1993. ==02=========================//====06=Train401=================================================10==========================================
1994. //
1995. ==03=Train402======================07==========================================================11==========================================
1997. Train: Train402 has arrived to destination from 11 to 3.
1999. ==04=Train400============================== ==08==========================================
2000. // //
2001. ==01===========================//==05==========================================================09==========================================
2002. // //
2003. ==02=========================//====06=Train401=================================================10==========================================
2004. //
2005. ==03=Train402======================07==========================================================11==========================================
2007. Successfully inserted Train402
2008. Inserting Train403
2009. Train: Train403 will go from 11 to 3 but will stop at 7 temporarily.
2010. Train: Train403 is scheduled to go from 11 to 3.
2012. ==04=Train400============================== ==08==========================================
2013. // //
2014. ==01===========================//==05==========================================================09==========================================
2015. // //
2016. ==02=========================//====06=Train401=================================================10==========================================
2017. //
2018. ==03=Train402======================07==========================================================11=Train403=================================
2020. Train: Train403 has moved from 11 to 7.
2022. ==04=Train400============================== ==08==========================================
2023. // //
2024. ==01===========================//==05==========================================================09==========================================
2025. // //
2026. ==02=========================//====06=Train401=================================================10==========================================
2027. //
2028. ==03=Train402======================07=Train403=================================================11==========================================
2030. Train: Train403 has arrived to destination from 11 to 7.
2032. ==04=Train400============================== ==08==========================================
2033. // //
2034. ==01===========================//==05==========================================================09==========================================
2035. // //
2036. ==02=========================//====06=Train401=================================================10==========================================
2037. //
2038. ==03=Train402======================07=Train403=================================================11==========================================
2040. Successfully inserted Train403
2041. Moving Trains: Train400, Train401, Train402, Train403
2042. ==04=Train400============================== ==08==========================================
2043. // //
2044. ==01===========================//==05==========================================================09==========================================
2045. // //
2046. ==02=Train401================//====06==========================================================10==========================================
2047. //
2048. ==03=Train403======================07==========================================================11==========================================
2049. moveTrainToSection03TransitionOk50 Successful
2050. [**moveTrainToSection02TransitionOk05 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection02TransitionOk05)
2051. Test passed successfully.
2052. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection02TransitionOk05
2053. Result: Test Passed
2054. Log file content:
2055. Adding Trains in Bulk:
2056. Inserting Train091
2057. Train: Train091 will go from 9 to 2 but will stop at 6 temporarily.
2058. Train: Train091 is scheduled to go from 9 to 2.
2060. ==04======================================= ==08==========================================
2061. // //
2062. ==01===========================//==05==========================================================09=Train091=================================
2063. // //
2064. ==02=========================//====06==========================================================10==========================================
2065. //
2066. ==03===============================07==========================================================11==========================================
2068. Train: Train091 has moved from 9 to 6.
2070. ==04======================================= ==08==========================================
2071. // //
2072. ==01===========================//==05==========================================================09==========================================
2073. // //
2074. ==02=========================//====06=Train091=================================================10==========================================
2075. //
2076. ==03===============================07==========================================================11==========================================
2078. Train: Train091 has arrived to destination from 9 to 6.
2080. ==04======================================= ==08==========================================
2081. // //
2082. ==01===========================//==05==========================================================09==========================================
2083. // //
2084. ==02=========================//====06=Train091=================================================10==========================================
2085. //
2086. ==03===============================07==========================================================11==========================================
2088. Successfully inserted Train091
2089. Inserting Train092
2090. Train: Train092 will go from 9 to 2 but will stop at 9 temporarily.
2091. Train: Train092 is scheduled to go from 9 to 2.
2093. ==04======================================= ==08==========================================
2094. // //
2095. ==01===========================//==05==========================================================09=Train092=================================
2096. // //
2097. ==02=========================//====06=Train091=================================================10==========================================
2098. //
2099. ==03===============================07==========================================================11==========================================
2101. Train: Train092 has arrived to destination from 9 to 9.
2103. ==04======================================= ==08==========================================
2104. // //
2105. ==01===========================//==05==========================================================09=Train092=================================
2106. // //
2107. ==02=========================//====06=Train091=================================================10==========================================
2108. //
2109. ==03===============================07==========================================================11==========================================
2111. Successfully inserted Train092
2112. Moving Trains: Train091, Train092
2113. ==04======================================= ==08==========================================
2114. // //
2115. ==01===========================//==05==========================================================09==========================================
2116. // //
2117. ==02=Train091================//====06=Train092=================================================10==========================================
2118. //
2119. ==03===============================07==========================================================11==========================================
2120. moveTrainToSection02TransitionOk05 Successful
2121. [**moveTrainToSection05TransitionOk10 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection05TransitionOk10)
2122. Test passed successfully.
2123. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection05TransitionOk10
2124. Result: Test Passed
2125. Log file content:
2126. Adding Trains in Bulk:
2127. Inserting Train129
2128. Train: Train129 will go from 1 to 8 but will stop at 8 temporarily.
2129. Train: Train129 is scheduled to go from 1 to 8.
2131. ==04======================================= ==08==========================================
2132. // //
2133. ==01=Train129==================//==05==========================================================09==========================================
2134. // //
2135. ==02=========================//====06==========================================================10==========================================
2136. //
2137. ==03===============================07==========================================================11==========================================
2139. Train: Train129 has moved from 1 to 5.
2141. ==04======================================= ==08==========================================
2142. // //
2143. ==01===========================//==05=Train129=================================================09==========================================
2144. // //
2145. ==02=========================//====06==========================================================10==========================================
2146. //
2147. ==03===============================07==========================================================11==========================================
2149. Train: Train129 has moved from 5 to 9.
2151. ==04======================================= ==08==========================================
2152. // //
2153. ==01===========================//==05==========================================================09=Train129=================================
2154. // //
2155. ==02=========================//====06==========================================================10==========================================
2156. //
2157. ==03===============================07==========================================================11==========================================
2159. Train: Train129 has moved from 9 to 8.
2161. ==04======================================= ==08=Train129=================================
2162. // //
2163. ==01===========================//==05==========================================================09==========================================
2164. // //
2165. ==02=========================//====06==========================================================10==========================================
2166. //
2167. ==03===============================07==========================================================11==========================================
2169. Train: Train129 has arrived to destination from 1 to 8.
2171. ==04======================================= ==08=Train129=================================
2172. // //
2173. ==01===========================//==05==========================================================09==========================================
2174. // //
2175. ==02=========================//====06==========================================================10==========================================
2176. //
2177. ==03===============================07==========================================================11==========================================
2179. Successfully inserted Train129
2180. Inserting Train130
2181. Train: Train130 will go from 1 to 9 but will stop at 9 temporarily.
2182. Train: Train130 is scheduled to go from 1 to 9.
2184. ==04======================================= ==08=Train129=================================
2185. // //
2186. ==01=Train130==================//==05==========================================================09==========================================
2187. // //
2188. ==02=========================//====06==========================================================10==========================================
2189. //
2190. ==03===============================07==========================================================11==========================================
2192. Train: Train130 has moved from 1 to 5.
2194. ==04======================================= ==08=Train129=================================
2195. // //
2196. ==01===========================//==05=Train130=================================================09==========================================
2197. // //
2198. ==02=========================//====06==========================================================10==========================================
2199. //
2200. ==03===============================07==========================================================11==========================================
2202. Train: Train130 has moved from 5 to 9.
2204. ==04======================================= ==08=Train129=================================
2205. // //
2206. ==01===========================//==05==========================================================09=Train130=================================
2207. // //
2208. ==02=========================//====06==========================================================10==========================================
2209. //
2210. ==03===============================07==========================================================11==========================================
2212. Train: Train130 has arrived to destination from 1 to 9.
2214. ==04======================================= ==08=Train129=================================
2215. // //
2216. ==01===========================//==05==========================================================09=Train130=================================
2217. // //
2218. ==02=========================//====06==========================================================10==========================================
2219. //
2220. ==03===============================07==========================================================11==========================================
2222. Successfully inserted Train130
2223. Inserting Train131
2224. Train: Train131 will go from 1 to 9 but will stop at 5 temporarily.
2225. Train: Train131 is scheduled to go from 1 to 9.
2227. ==04======================================= ==08=Train129=================================
2228. // //
2229. ==01=Train131==================//==05==========================================================09=Train130=================================
2230. // //
2231. ==02=========================//====06==========================================================10==========================================
2232. //
2233. ==03===============================07==========================================================11==========================================
2235. Train: Train131 has moved from 1 to 5.
2237. ==04======================================= ==08=Train129=================================
2238. // //
2239. ==01===========================//==05=Train131=================================================09=Train130=================================
2240. // //
2241. ==02=========================//====06==========================================================10==========================================
2242. //
2243. ==03===============================07==========================================================11==========================================
2245. Train: Train131 has arrived to destination from 1 to 5.
2247. ==04======================================= ==08=Train129=================================
2248. // //
2249. ==01===========================//==05=Train131=================================================09=Train130=================================
2250. // //
2251. ==02=========================//====06==========================================================10==========================================
2252. //
2253. ==03===============================07==========================================================11==========================================
2255. Successfully inserted Train131
2256. Inserting Train132
2257. Train: Train132 will go from 1 to 8 but will stop at 1 temporarily.
2258. Train: Train132 is scheduled to go from 1 to 8.
2260. ==04======================================= ==08=Train129=================================
2261. // //
2262. ==01=Train132==================//==05=Train131=================================================09=Train130=================================
2263. // //
2264. ==02=========================//====06==========================================================10==========================================
2265. //
2266. ==03===============================07==========================================================11==========================================
2268. Train: Train132 has arrived to destination from 1 to 1.
2270. ==04======================================= ==08=Train129=================================
2271. // //
2272. ==01=Train132==================//==05=Train131=================================================09=Train130=================================
2273. // //
2274. ==02=========================//====06==========================================================10==========================================
2275. //
2276. ==03===============================07==========================================================11==========================================
2278. Successfully inserted Train132
2279. Moving Trains: Train129, Train130, Train131, Train132
2280. ==04======================================= ==08==========================================
2281. // //
2282. ==01===========================//==05=Train132=================================================09=Train131=================================
2283. // //
2284. ==02=========================//====06==========================================================10==========================================
2285. //
2286. ==03===============================07==========================================================11==========================================
2287. moveTrainToSection05TransitionOk10 Successful
2288. [**moveTrainToSection08TransitionOk05 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection08TransitionOk05)
2289. Test failed.
2290. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection08TransitionOk05
2291. Result: Test Failed
2292. Log file content:
2293. Adding Trains in Bulk:
2294. Inserting Train199
2295. Train: Train199 will go from 1 to 8 but will stop at 5 temporarily.
2296. Train: Train199 is scheduled to go from 1 to 8.
2298. ==04======================================= ==08==========================================
2299. // //
2300. ==01=Train199==================//==05==========================================================09==========================================
2301. // //
2302. ==02=========================//====06==========================================================10==========================================
2303. //
2304. ==03===============================07==========================================================11==========================================
2306. Train: Train199 has moved from 1 to 5.
2308. ==04======================================= ==08==========================================
2309. // //
2310. ==01===========================//==05=Train199=================================================09==========================================
2311. // //
2312. ==02=========================//====06==========================================================10==========================================
2313. //
2314. ==03===============================07==========================================================11==========================================
2316. Train: Train199 has arrived to destination from 1 to 5.
2318. ==04======================================= ==08==========================================
2319. // //
2320. ==01===========================//==05=Train199=================================================09==========================================
2321. // //
2322. ==02=========================//====06==========================================================10==========================================
2323. //
2324. ==03===============================07==========================================================11==========================================
2326. Successfully inserted Train199
2327. Inserting Train200
2328. Train: Train200 will go from 1 to 9 but will stop at 1 temporarily.
2329. Train: Train200 is scheduled to go from 1 to 9.
2331. ==04======================================= ==08==========================================
2332. // //
2333. ==01=Train200==================//==05=Train199=================================================09==========================================
2334. // //
2335. ==02=========================//====06==========================================================10==========================================
2336. //
2337. ==03===============================07==========================================================11==========================================
2339. Train: Train200 has arrived to destination from 1 to 1.
2341. ==04======================================= ==08==========================================
2342. // //
2343. ==01=Train200==================//==05=Train199=================================================09==========================================
2344. // //
2345. ==02=========================//====06==========================================================10==========================================
2346. //
2347. ==03===============================07==========================================================11==========================================
2349. Successfully inserted Train200
2350. Moving Trains: Train199, Train200
2351. ==04======================================= ==08==========================================
2352. // //
2353. ==01===========================//==05=Train200=================================================09=Train199=================================
2354. // //
2355. ==02=========================//====06==========================================================10==========================================
2356. //
2357. ==03===============================07==========================================================11==========================================
2358. [**moveTrainToSection02TransitionOk10 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection02TransitionOk10)
2359. Test passed successfully.
2360. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection02TransitionOk10
2361. Result: Test Passed
2362. Log file content:
2363. Adding Trains in Bulk:
2364. Inserting Train105
2365. Train: Train105 will go from 9 to 2 but will stop at 2 temporarily.
2366. Train: Train105 is scheduled to go from 9 to 2.
2368. ==04======================================= ==08==========================================
2369. // //
2370. ==01===========================//==05==========================================================09=Train105=================================
2371. // //
2372. ==02=========================//====06==========================================================10==========================================
2373. //
2374. ==03===============================07==========================================================11==========================================
2376. Train: Train105 has moved from 9 to 6.
2378. ==04======================================= ==08==========================================
2379. // //
2380. ==01===========================//==05==========================================================09==========================================
2381. // //
2382. ==02=========================//====06=Train105=================================================10==========================================
2383. //
2384. ==03===============================07==========================================================11==========================================
2386. Train: Train105 has moved from 6 to 2.
2388. ==04======================================= ==08==========================================
2389. // //
2390. ==01===========================//==05==========================================================09==========================================
2391. // //
2392. ==02=Train105================//====06==========================================================10==========================================
2393. //
2394. ==03===============================07==========================================================11==========================================
2396. Train: Train105 has arrived to destination from 9 to 2.
2398. ==04======================================= ==08==========================================
2399. // //
2400. ==01===========================//==05==========================================================09==========================================
2401. // //
2402. ==02=Train105================//====06==========================================================10==========================================
2403. //
2404. ==03===============================07==========================================================11==========================================
2406. Successfully inserted Train105
2407. Inserting Train106
2408. Train: Train106 will go from 9 to 2 but will stop at 6 temporarily.
2409. Train: Train106 is scheduled to go from 9 to 2.
2411. ==04======================================= ==08==========================================
2412. // //
2413. ==01===========================//==05==========================================================09=Train106=================================
2414. // //
2415. ==02=Train105================//====06==========================================================10==========================================
2416. //
2417. ==03===============================07==========================================================11==========================================
2419. Train: Train106 has moved from 9 to 6.
2421. ==04======================================= ==08==========================================
2422. // //
2423. ==01===========================//==05==========================================================09==========================================
2424. // //
2425. ==02=Train105================//====06=Train106=================================================10==========================================
2426. //
2427. ==03===============================07==========================================================11==========================================
2429. Train: Train106 has arrived to destination from 9 to 6.
2431. ==04======================================= ==08==========================================
2432. // //
2433. ==01===========================//==05==========================================================09==========================================
2434. // //
2435. ==02=Train105================//====06=Train106=================================================10==========================================
2436. //
2437. ==03===============================07==========================================================11==========================================
2439. Successfully inserted Train106
2440. Inserting Train107
2441. Train: Train107 will go from 9 to 2 but will stop at 9 temporarily.
2442. Train: Train107 is scheduled to go from 9 to 2.
2444. ==04======================================= ==08==========================================
2445. // //
2446. ==01===========================//==05==========================================================09=Train107=================================
2447. // //
2448. ==02=Train105================//====06=Train106=================================================10==========================================
2449. //
2450. ==03===============================07==========================================================11==========================================
2452. Train: Train107 has arrived to destination from 9 to 9.
2454. ==04======================================= ==08==========================================
2455. // //
2456. ==01===========================//==05==========================================================09=Train107=================================
2457. // //
2458. ==02=Train105================//====06=Train106=================================================10==========================================
2459. //
2460. ==03===============================07==========================================================11==========================================
2462. Successfully inserted Train107
2463. Moving Trains: Train105, Train106, Train107
2464. ==04======================================= ==08==========================================
2465. // //
2466. ==01===========================//==05==========================================================09==========================================
2467. // //
2468. ==02=Train106================//====06=Train107=================================================10==========================================
2469. //
2470. ==03===============================07==========================================================11==========================================
2471. moveTrainToSection02TransitionOk10 Successful
2472. [**moveTrainToSection03TransitionOk05 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk05)
2473. Test passed successfully.
2474. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk05
2475. Result: Test Passed
2476. Log file content:
2477. Adding Trains in Bulk:
2478. Inserting Train269
2479. Train: Train269 will go from 3 to 4 but will stop at 4 temporarily.
2480. Train: Train269 is scheduled to go from 3 to 4.
2482. ==04======================================= ==08==========================================
2483. // //
2484. ==01===========================//==05==========================================================09==========================================
2485. // //
2486. ==02=========================//====06==========================================================10==========================================
2487. //
2488. ==03=Train269======================07==========================================================11==========================================
2490. Train: Train269 has moved from 3 to 7.
2492. ==04======================================= ==08==========================================
2493. // //
2494. ==01===========================//==05==========================================================09==========================================
2495. // //
2496. ==02=========================//====06==========================================================10==========================================
2497. //
2498. ==03===============================07=Train269=================================================11==========================================
2500. Train: Train269 has moved from 7 to 4.
2502. ==04=Train269============================== ==08==========================================
2503. // //
2504. ==01===========================//==05==========================================================09==========================================
2505. // //
2506. ==02=========================//====06==========================================================10==========================================
2507. //
2508. ==03===============================07==========================================================11==========================================
2510. Train: Train269 has arrived to destination from 3 to 4.
2512. ==04=Train269============================== ==08==========================================
2513. // //
2514. ==01===========================//==05==========================================================09==========================================
2515. // //
2516. ==02=========================//====06==========================================================10==========================================
2517. //
2518. ==03===============================07==========================================================11==========================================
2520. Successfully inserted Train269
2521. Inserting Train270
2522. Train: Train270 will go from 11 to 3 but will stop at 7 temporarily.
2523. Train: Train270 is scheduled to go from 11 to 3.
2525. ==04=Train269============================== ==08==========================================
2526. // //
2527. ==01===========================//==05==========================================================09==========================================
2528. // //
2529. ==02=========================//====06==========================================================10==========================================
2530. //
2531. ==03===============================07==========================================================11=Train270=================================
2533. Train: Train270 has moved from 11 to 7.
2535. ==04=Train269============================== ==08==========================================
2536. // //
2537. ==01===========================//==05==========================================================09==========================================
2538. // //
2539. ==02=========================//====06==========================================================10==========================================
2540. //
2541. ==03===============================07=Train270=================================================11==========================================
2543. Train: Train270 has arrived to destination from 11 to 7.
2545. ==04=Train269============================== ==08==========================================
2546. // //
2547. ==01===========================//==05==========================================================09==========================================
2548. // //
2549. ==02=========================//====06==========================================================10==========================================
2550. //
2551. ==03===============================07=Train270=================================================11==========================================
2553. Successfully inserted Train270
2554. Moving Trains: Train269, Train270
2555. ==04======================================= ==08==========================================
2556. // //
2557. ==01===========================//==05==========================================================09==========================================
2558. // //
2559. ==02=========================//====06==========================================================10==========================================
2560. //
2561. ==03=Train270======================07==========================================================11==========================================
2562. moveTrainToSection03TransitionOk05 Successful
2563. [**moveTrainToSection06TransitionOk05 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection06TransitionOk05)
2564. Test passed successfully.
2565. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection06TransitionOk05
2566. Result: Test Passed
2567. Log file content:
2568. Adding Trains in Bulk:
2569. Inserting Train151
2570. Train: Train151 will go from 9 to 2 but will stop at 6 temporarily.
2571. Train: Train151 is scheduled to go from 9 to 2.
2573. ==04======================================= ==08==========================================
2574. // //
2575. ==01===========================//==05==========================================================09=Train151=================================
2576. // //
2577. ==02=========================//====06==========================================================10==========================================
2578. //
2579. ==03===============================07==========================================================11==========================================
2581. Train: Train151 has moved from 9 to 6.
2583. ==04======================================= ==08==========================================
2584. // //
2585. ==01===========================//==05==========================================================09==========================================
2586. // //
2587. ==02=========================//====06=Train151=================================================10==========================================
2588. //
2589. ==03===============================07==========================================================11==========================================
2591. Train: Train151 has arrived to destination from 9 to 6.
2593. ==04======================================= ==08==========================================
2594. // //
2595. ==01===========================//==05==========================================================09==========================================
2596. // //
2597. ==02=========================//====06=Train151=================================================10==========================================
2598. //
2599. ==03===============================07==========================================================11==========================================
2601. Successfully inserted Train151
2602. Inserting Train152
2603. Train: Train152 will go from 10 to 2 but will stop at 10 temporarily.
2604. Train: Train152 is scheduled to go from 10 to 2.
2606. ==04======================================= ==08==========================================
2607. // //
2608. ==01===========================//==05==========================================================09==========================================
2609. // //
2610. ==02=========================//====06=Train151=================================================10=Train152=================================
2611. //
2612. ==03===============================07==========================================================11==========================================
2614. Train: Train152 has arrived to destination from 10 to 10.
2616. ==04======================================= ==08==========================================
2617. // //
2618. ==01===========================//==05==========================================================09==========================================
2619. // //
2620. ==02=========================//====06=Train151=================================================10=Train152=================================
2621. //
2622. ==03===============================07==========================================================11==========================================
2624. Successfully inserted Train152
2625. Inserting Train153
2626. Train: Train153 will go from 1 to 9 but will stop at 9 temporarily.
2627. Train: Train153 is scheduled to go from 1 to 9.
2629. ==04======================================= ==08==========================================
2630. // //
2631. ==01=Train153==================//==05==========================================================09==========================================
2632. // //
2633. ==02=========================//====06=Train151=================================================10=Train152=================================
2634. //
2635. ==03===============================07==========================================================11==========================================
2637. Train: Train153 has moved from 1 to 5.
2639. ==04======================================= ==08==========================================
2640. // //
2641. ==01===========================//==05=Train153=================================================09==========================================
2642. // //
2643. ==02=========================//====06=Train151=================================================10=Train152=================================
2644. //
2645. ==03===============================07==========================================================11==========================================
2647. Train: Train153 has moved from 5 to 9.
2649. ==04======================================= ==08==========================================
2650. // //
2651. ==01===========================//==05==========================================================09=Train153=================================
2652. // //
2653. ==02=========================//====06=Train151=================================================10=Train152=================================
2654. //
2655. ==03===============================07==========================================================11==========================================
2657. Train: Train153 has arrived to destination from 1 to 9.
2659. ==04======================================= ==08==========================================
2660. // //
2661. ==01===========================//==05==========================================================09=Train153=================================
2662. // //
2663. ==02=========================//====06=Train151=================================================10=Train152=================================
2664. //
2665. ==03===============================07==========================================================11==========================================
2667. Successfully inserted Train153
2668. Moving Trains: Train151, Train152, Train153
2669. ==04======================================= ==08==========================================
2670. // //
2671. ==01===========================//==05==========================================================09==========================================
2672. // //
2673. ==02=Train151================//====06=Train152=================================================10==========================================
2674. //
2675. ==03===============================07==========================================================11==========================================
2676. moveTrainToSection06TransitionOk05 Successful
2677. [**moveTrainToSection03TransitionOk10 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk10)
2678. Test failed.
2679. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk10
2680. Result: Test Failed
2681. Log file content:
2682. Adding Trains in Bulk:
2683. Inserting Train281
2684. Train: Train281 will go from 4 to 3 but will stop at 4 temporarily.
2685. Train: Train281 is scheduled to go from 4 to 3.
2687. ==04=Train281============================== ==08==========================================
2688. // //
2689. ==01===========================//==05==========================================================09==========================================
2690. // //
2691. ==02=========================//====06==========================================================10==========================================
2692. //
2693. ==03===============================07==========================================================11==========================================
2695. Train: Train281 has arrived to destination from 4 to 4.
2697. ==04=Train281============================== ==08==========================================
2698. // //
2699. ==01===========================//==05==========================================================09==========================================
2700. // //
2701. ==02=========================//====06==========================================================10==========================================
2702. //
2703. ==03===============================07==========================================================11==========================================
2705. Successfully inserted Train281
2706. Moving Trains: Train281
2707. ==04======================================= ==08==========================================
2708. // //
2709. ==01===========================//==05==========================================================09==========================================
2710. // //
2711. ==02=========================//====06==========================================================10==========================================
2712. //
2713. ==03===============================07=Train281=================================================11==========================================
2714. [**moveTrainToSection10TransitionOk00 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection10TransitionOk00)
2715. Test passed successfully.
2716. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection10TransitionOk00
2717. Result: Test Passed
2718. Log file content:
2719. Train: Train072 will go from 3 to 4 but will stop at 3 temporarily.
2720. Train: Train072 is scheduled to go from 3 to 4.
2721. ==04======================================= ==08==========================================
2722. // //
2723. ==01===========================//==05==========================================================09==========================================
2724. // //
2725. ==02=========================//====06==========================================================10==========================================
2726. //
2727. ==03=Train072======================07==========================================================11==========================================
2728. Train: Train072 has arrived to destination from 3 to 3.
2729. ==04======================================= ==08==========================================
2730. // //
2731. ==01===========================//==05==========================================================09==========================================
2732. // //
2733. ==02=========================//====06==========================================================10==========================================
2734. //
2735. ==03=Train072======================07==========================================================11==========================================
2736. Train: Train072 has moved from 4
2737. Moving Trains out in Bulk:
2738. Removing Train072
2739. Train: Train072 has moved from 7 to 4.
2741. ==04=Train072============================== ==08==========================================
2742. // //
2743. ==01===========================//==05==========================================================09==========================================
2744. // //
2745. ==02=========================//====06==========================================================10==========================================
2746. //
2747. ==03===============================07==========================================================11==========================================
2749. Train: Train072 has moved from 4 to out of the system.
2751. ==04======================================= ==08==========================================
2752. // //
2753. ==01===========================//==05==========================================================09==========================================
2754. // //
2755. ==02=========================//====06==========================================================10==========================================
2756. //
2757. ==03===============================07==========================================================11==========================================
2759. Successfully removed Train072
2760. Train: Train073 will go from 3 to 11 but will stop at 3 temporarily.
2761. Train: Train073 is scheduled to go from 3 to 11.
2762. ==04======================================= ==08==========================================
2763. // //
2764. ==01===========================//==05==========================================================09==========================================
2765. // //
2766. ==02=========================//====06==========================================================10==========================================
2767. //
2768. ==03=Train073======================07==========================================================11==========================================
2769. Train: Train073 has arrived to destination from 3 to 3.
2770. ==04======================================= ==08==========================================
2771. // //
2772. ==01===========================//==05==========================================================09==========================================
2773. // //
2774. ==02=========================//====06==========================================================10==========================================
2775. //
2776. ==03=Train073======================07==========================================================11==========================================
2777. Train: Train073 has moved from 11
2778. Moving Trains out in Bulk:
2779. Removing Train073
2780. Train: Train073 has moved from 7 to 11.
2782. ==04======================================= ==08==========================================
2783. // //
2784. ==01===========================//==05==========================================================09==========================================
2785. // //
2786. ==02=========================//====06==========================================================10==========================================
2787. //
2788. ==03===============================07==========================================================11=Train073=================================
2790. Train: Train073 has moved from 11 to out of the system.
2792. ==04======================================= ==08==========================================
2793. // //
2794. ==01===========================//==05==========================================================09==========================================
2795. // //
2796. ==02=========================//====06==========================================================10==========================================
2797. //
2798. ==03===============================07==========================================================11==========================================
2800. Successfully removed Train073
2801. Train: Train074 will go from 3 to 11 but will stop at 3 temporarily.
2802. Train: Train074 is scheduled to go from 3 to 11.
2803. ==04======================================= ==08==========================================
2804. // //
2805. ==01===========================//==05==========================================================09==========================================
2806. // //
2807. ==02=========================//====06==========================================================10==========================================
2808. //
2809. ==03=Train074======================07==========================================================11==========================================
2810. Train: Train074 has arrived to destination from 3 to 3.
2811. ==04======================================= ==08==========================================
2812. // //
2813. ==01===========================//==05==========================================================09==========================================
2814. // //
2815. ==02=========================//====06==========================================================10==========================================
2816. //
2817. ==03=Train074======================07==========================================================11==========================================
2818. Train: Train074 has moved from 7
2819. Moving Trains out in Bulk:
2820. Removing Train074
2821. Train: Train074 has moved from 7 to 11.
2823. ==04======================================= ==08==========================================
2824. // //
2825. ==01===========================//==05==========================================================09==========================================
2826. // //
2827. ==02=========================//====06==========================================================10==========================================
2828. //
2829. ==03===============================07==========================================================11=Train074=================================
2831. Train: Train074 has moved from 11 to out of the system.
2833. ==04======================================= ==08==========================================
2834. // //
2835. ==01===========================//==05==========================================================09==========================================
2836. // //
2837. ==02=========================//====06==========================================================10==========================================
2838. //
2839. ==03===============================07==========================================================11==========================================
2841. Successfully removed Train074
2842. Train: Train075 will go from 3 to 11 but will stop at 3 temporarily.
2843. Train: Train075 is scheduled to go from 3 to 11.
2844. ==04======================================= ==08==========================================
2845. // //
2846. ==01===========================//==05==========================================================09==========================================
2847. // //
2848. ==02=========================//====06==========================================================10==========================================
2849. //
2850. ==03=Train075======================07==========================================================11==========================================
2851. Train: Train075 has arrived to destination from 3 to 3.
2852. ==04======================================= ==08==========================================
2853. // //
2854. ==01===========================//==05==========================================================09==========================================
2855. // //
2856. ==02=========================//====06==========================================================10==========================================
2857. //
2858. ==03=Train075======================07==========================================================11==========================================
2859. Train: Train075 has moved from 3
2860. Moving Trains out in Bulk:
2861. Removing Train075
2862. Train: Train075 has moved from 7 to 11.
2864. ==04======================================= ==08==========================================
2865. // //
2866. ==01===========================//==05==========================================================09==========================================
2867. // //
2868. ==02=========================//====06==========================================================10==========================================
2869. //
2870. ==03===============================07==========================================================11=Train075=================================
2872. Train: Train075 has moved from 11 to out of the system.
2874. ==04======================================= ==08==========================================
2875. // //
2876. ==01===========================//==05==========================================================09==========================================
2877. // //
2878. ==02=========================//====06==========================================================10==========================================
2879. //
2880. ==03===============================07==========================================================11==========================================
2882. Successfully removed Train075
2883. Train: Train076 will go from 1 to 8 but will stop at 1 temporarily.
2884. Train: Train076 is scheduled to go from 1 to 8.
2885. ==04======================================= ==08==========================================
2886. // //
2887. ==01=Train076==================//==05==========================================================09==========================================
2888. // //
2889. ==02=========================//====06==========================================================10==========================================
2890. //
2891. ==03===============================07==========================================================11==========================================
2892. Train: Train076 has arrived to destination from 1 to 1.
2893. ==04======================================= ==08==========================================
2894. // //
2895. ==01=Train076==================//==05==========================================================09==========================================
2896. // //
2897. ==02=========================//====06==========================================================10==========================================
2898. //
2899. ==03===============================07==========================================================11==========================================
2900. Train: Train076 has moved from 8
2901. Moving Trains out in Bulk:
2902. Removing Train076
2903. Train: Train076 has moved from 5 to 9.
2905. ==04======================================= ==08==========================================
2906. // //
2907. ==01===========================//==05==========================================================09=Train076=================================
2908. // //
2909. ==02=========================//====06==========================================================10==========================================
2910. //
2911. ==03===============================07==========================================================11==========================================
2913. Train: Train076 has moved from 9 to 8.
2915. ==04======================================= ==08=Train076=================================
2916. // //
2917. ==01===========================//==05==========================================================09==========================================
2918. // //
2919. ==02=========================//====06==========================================================10==========================================
2920. //
2921. ==03===============================07==========================================================11==========================================
2923. Train: Train076 has moved from 8 to out of the system.
2925. ==04======================================= ==08==========================================
2926. // //
2927. ==01===========================//==05==========================================================09==========================================
2928. // //
2929. ==02=========================//====06==========================================================10==========================================
2930. //
2931. ==03===============================07==========================================================11==========================================
2933. Successfully removed Train076
2934. Train: Train077 will go from 1 to 9 but will stop at 1 temporarily.
2935. Train: Train077 is scheduled to go from 1 to 9.
2936. ==04======================================= ==08==========================================
2937. // //
2938. ==01=Train077==================//==05==========================================================09==========================================
2939. // //
2940. ==02=========================//====06==========================================================10==========================================
2941. //
2942. ==03===============================07==========================================================11==========================================
2943. Train: Train077 has arrived to destination from 1 to 1.
2944. ==04======================================= ==08==========================================
2945. // //
2946. ==01=Train077==================//==05==========================================================09==========================================
2947. // //
2948. ==02=========================//====06==========================================================10==========================================
2949. //
2950. ==03===============================07==========================================================11==========================================
2951. Train: Train077 has moved from 9
2952. Moving Trains out in Bulk:
2953. Removing Train077
2954. Train: Train077 has moved from 5 to 9.
2956. ==04======================================= ==08==========================================
2957. // //
2958. ==01===========================//==05==========================================================09=Train077=================================
2959. // //
2960. ==02=========================//====06==========================================================10==========================================
2961. //
2962. ==03===============================07==========================================================11==========================================
2964. Train: Train077 has moved from 9 to out of the system.
2966. ==04======================================= ==08==========================================
2967. // //
2968. ==01===========================//==05==========================================================09==========================================
2969. // //
2970. ==02=========================//====06==========================================================10==========================================
2971. //
2972. ==03===============================07==========================================================11==========================================
2974. Successfully removed Train077
2975. Train: Train078 will go from 1 to 9 but will stop at 1 temporarily.
2976. Train: Train078 is scheduled to go from 1 to 9.
2977. ==04======================================= ==08==========================================
2978. // //
2979. ==01=Train078==================//==05==========================================================09==========================================
2980. // //
2981. ==02=========================//====06==========================================================10==========================================
2982. //
2983. ==03===============================07==========================================================11==========================================
2984. Train: Train078 has arrived to destination from 1 to 1.
2985. ==04======================================= ==08==========================================
2986. // //
2987. ==01=Train078==================//==05==========================================================09==========================================
2988. // //
2989. ==02=========================//====06==========================================================10==========================================
2990. //
2991. ==03===============================07==========================================================11==========================================
2992. Train: Train078 has moved from 5
2993. Moving Trains out in Bulk:
2994. Removing Train078
2995. Train: Train078 has moved from 5 to 9.
2997. ==04======================================= ==08==========================================
2998. // //
2999. ==01===========================//==05==========================================================09=Train078=================================
3000. // //
3001. ==02=========================//====06==========================================================10==========================================
3002. //
3003. ==03===============================07==========================================================11==========================================
3005. Train: Train078 has moved from 9 to out of the system.
3007. ==04======================================= ==08==========================================
3008. // //
3009. ==01===========================//==05==========================================================09==========================================
3010. // //
3011. ==02=========================//====06==========================================================10==========================================
3012. //
3013. ==03===============================07==========================================================11==========================================
3015. Successfully removed Train078
3016. Train: Train079 will go from 1 to 9 but will stop at 1 temporarily.
3017. Train: Train079 is scheduled to go from 1 to 9.
3018. ==04======================================= ==08==========================================
3019. // //
3020. ==01=Train079==================//==05==========================================================09==========================================
3021. // //
3022. ==02=========================//====06==========================================================10==========================================
3023. //
3024. ==03===============================07==========================================================11==========================================
3025. Train: Train079 has arrived to destination from 1 to 1.
3026. ==04======================================= ==08==========================================
3027. // //
3028. ==01=Train079==================//==05==========================================================09==========================================
3029. // //
3030. ==02=========================//====06==========================================================10==========================================
3031. //
3032. ==03===============================07==========================================================11==========================================
3033. Train: Train079 has moved from 1
3034. Moving Trains out in Bulk:
3035. Removing Train079
3036. Train: Train079 has moved from 5 to 9.
3038. ==04======================================= ==08==========================================
3039. // //
3040. ==01===========================//==05==========================================================09=Train079=================================
3041. // //
3042. ==02=========================//====06==========================================================10==========================================
3043. //
3044. ==03===============================07==========================================================11==========================================
3046. Train: Train079 has moved from 9 to out of the system.
3048. ==04======================================= ==08==========================================
3049. // //
3050. ==01===========================//==05==========================================================09==========================================
3051. // //
3052. ==02=========================//====06==========================================================10==========================================
3053. //
3054. ==03===============================07==========================================================11==========================================
3056. Successfully removed Train079
3057. Train: Train080 will go from 10 to 2 but will stop at 10 temporarily.
3058. Train: Train080 is scheduled to go from 10 to 2.
3059. ==04======================================= ==08==========================================
3060. // //
3061. ==01===========================//==05==========================================================09==========================================
3062. // //
3063. ==02=========================//====06==========================================================10=Train080=================================
3064. //
3065. ==03===============================07==========================================================11==========================================
3066. Train: Train080 has arrived to destination from 10 to 10.
3067. ==04======================================= ==08==========================================
3068. // //
3069. ==01===========================//==05==========================================================09==========================================
3070. // //
3071. ==02=========================//====06==========================================================10=Train080=================================
3072. //
3073. ==03===============================07==========================================================11==========================================
3074. Train: Train080 has moved from 2
3075. Moving Trains out in Bulk:
3076. Removing Train080
3077. Train: Train080 has moved from 6 to 2.
3079. ==04======================================= ==08==========================================
3080. // //
3081. ==01===========================//==05==========================================================09==========================================
3082. // //
3083. ==02=Train080================//====06==========================================================10==========================================
3084. //
3085. ==03===============================07==========================================================11==========================================
3087. Train: Train080 has moved from 2 to out of the system.
3089. ==04======================================= ==08==========================================
3090. // //
3091. ==01===========================//==05==========================================================09==========================================
3092. // //
3093. ==02=========================//====06==========================================================10==========================================
3094. //
3095. ==03===============================07==========================================================11==========================================
3097. Successfully removed Train080
3098. Train: Train081 will go from 10 to 2 but will stop at 10 temporarily.
3099. Train: Train081 is scheduled to go from 10 to 2.
3100. ==04======================================= ==08==========================================
3101. // //
3102. ==01===========================//==05==========================================================09==========================================
3103. // //
3104. ==02=========================//====06==========================================================10=Train081=================================
3105. //
3106. ==03===============================07==========================================================11==========================================
3107. Train: Train081 has arrived to destination from 10 to 10.
3108. ==04======================================= ==08==========================================
3109. // //
3110. ==01===========================//==05==========================================================09==========================================
3111. // //
3112. ==02=========================//====06==========================================================10=Train081=================================
3113. //
3114. ==03===============================07==========================================================11==========================================
3115. Train: Train081 has moved from 6
3116. Moving Trains out in Bulk:
3117. Removing Train081
3118. Train: Train081 has moved from 6 to 2.
3120. ==04======================================= ==08==========================================
3121. // //
3122. ==01===========================//==05==========================================================09==========================================
3123. // //
3124. ==02=Train081================//====06==========================================================10==========================================
3125. //
3126. ==03===============================07==========================================================11==========================================
3128. Train: Train081 has moved from 2 to out of the system.
3130. ==04======================================= ==08==========================================
3131. // //
3132. ==01===========================//==05==========================================================09==========================================
3133. // //
3134. ==02=========================//====06==========================================================10==========================================
3135. //
3136. ==03===============================07==========================================================11==========================================
3138. Successfully removed Train081
3139. Train: Train082 will go from 10 to 2 but will stop at 10 temporarily.
3140. Train: Train082 is scheduled to go from 10 to 2.
3141. ==04======================================= ==08==========================================
3142. // //
3143. ==01===========================//==05==========================================================09==========================================
3144. // //
3145. ==02=========================//====06==========================================================10=Train082=================================
3146. //
3147. ==03===============================07==========================================================11==========================================
3148. Train: Train082 has arrived to destination from 10 to 10.
3149. ==04======================================= ==08==========================================
3150. // //
3151. ==01===========================//==05==========================================================09==========================================
3152. // //
3153. ==02=========================//====06==========================================================10=Train082=================================
3154. //
3155. ==03===============================07==========================================================11==========================================
3156. Train: Train082 has moved from 10
3157. Moving Trains out in Bulk:
3158. Removing Train082
3159. Train: Train082 has moved from 6 to 2.
3161. ==04======================================= ==08==========================================
3162. // //
3163. ==01===========================//==05==========================================================09==========================================
3164. // //
3165. ==02=Train082================//====06==========================================================10==========================================
3166. //
3167. ==03===============================07==========================================================11==========================================
3169. Train: Train082 has moved from 2 to out of the system.
3171. ==04======================================= ==08==========================================
3172. // //
3173. ==01===========================//==05==========================================================09==========================================
3174. // //
3175. ==02=========================//====06==========================================================10==========================================
3176. //
3177. ==03===============================07==========================================================11==========================================
3179. Successfully removed Train082
3180. No train is able to go to station 10.
3181. moveTrainToSection10TransitionOk00 Successful
3182. [**moveTrainToSection03TransitionOk15 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk15)
3183. Test passed successfully.
3184. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk15
3185. Result: Test Passed
3186. Log file content:
3187. Adding Trains in Bulk:
3188. Inserting Train291
3189. Train: Train291 will go from 4 to 3 but will stop at 3 temporarily.
3190. Train: Train291 is scheduled to go from 4 to 3.
3192. ==04=Train291============================== ==08==========================================
3193. // //
3194. ==01===========================//==05==========================================================09==========================================
3195. // //
3196. ==02=========================//====06==========================================================10==========================================
3197. //
3198. ==03===============================07==========================================================11==========================================
3200. Train: Train291 has moved from 4 to 7.
3202. ==04======================================= ==08==========================================
3203. // //
3204. ==01===========================//==05==========================================================09==========================================
3205. // //
3206. ==02=========================//====06==========================================================10==========================================
3207. //
3208. ==03===============================07=Train291=================================================11==========================================
3210. Train: Train291 has moved from 7 to 3.
3212. ==04======================================= ==08==========================================
3213. // //
3214. ==01===========================//==05==========================================================09==========================================
3215. // //
3216. ==02=========================//====06==========================================================10==========================================
3217. //
3218. ==03=Train291======================07==========================================================11==========================================
3220. Train: Train291 has arrived to destination from 4 to 3.
3222. ==04======================================= ==08==========================================
3223. // //
3224. ==01===========================//==05==========================================================09==========================================
3225. // //
3226. ==02=========================//====06==========================================================10==========================================
3227. //
3228. ==03=Train291======================07==========================================================11==========================================
3230. Successfully inserted Train291
3231. Inserting Train292
3232. Train: Train292 will go from 11 to 3 but will stop at 7 temporarily.
3233. Train: Train292 is scheduled to go from 11 to 3.
3235. ==04======================================= ==08==========================================
3236. // //
3237. ==01===========================//==05==========================================================09==========================================
3238. // //
3239. ==02=========================//====06==========================================================10==========================================
3240. //
3241. ==03=Train291======================07==========================================================11=Train292=================================
3243. Train: Train292 has moved from 11 to 7.
3245. ==04======================================= ==08==========================================
3246. // //
3247. ==01===========================//==05==========================================================09==========================================
3248. // //
3249. ==02=========================//====06==========================================================10==========================================
3250. //
3251. ==03=Train291======================07=Train292=================================================11==========================================
3253. Train: Train292 has arrived to destination from 11 to 7.
3255. ==04======================================= ==08==========================================
3256. // //
3257. ==01===========================//==05==========================================================09==========================================
3258. // //
3259. ==02=========================//====06==========================================================10==========================================
3260. //
3261. ==03=Train291======================07=Train292=================================================11==========================================
3263. Successfully inserted Train292
3264. Moving Trains: Train291, Train292
3265. ==04======================================= ==08==========================================
3266. // //
3267. ==01===========================//==05==========================================================09==========================================
3268. // //
3269. ==02=========================//====06==========================================================10==========================================
3270. //
3271. ==03=Train292======================07==========================================================11==========================================
3272. moveTrainToSection03TransitionOk15 Successful
3273. [**moveTrainToSection05TransitionOk05 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection05TransitionOk05)
3274. Test passed successfully.
3275. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection05TransitionOk05
3276. Result: Test Passed
3277. Log file content:
3278. Adding Trains in Bulk:
3279. Inserting Train115
3280. Train: Train115 will go from 1 to 8 but will stop at 8 temporarily.
3281. Train: Train115 is scheduled to go from 1 to 8.
3283. ==04======================================= ==08==========================================
3284. // //
3285. ==01=Train115==================//==05==========================================================09==========================================
3286. // //
3287. ==02=========================//====06==========================================================10==========================================
3288. //
3289. ==03===============================07==========================================================11==========================================
3291. Train: Train115 has moved from 1 to 5.
3293. ==04======================================= ==08==========================================
3294. // //
3295. ==01===========================//==05=Train115=================================================09==========================================
3296. // //
3297. ==02=========================//====06==========================================================10==========================================
3298. //
3299. ==03===============================07==========================================================11==========================================
3301. Train: Train115 has moved from 5 to 9.
3303. ==04======================================= ==08==========================================
3304. // //
3305. ==01===========================//==05==========================================================09=Train115=================================
3306. // //
3307. ==02=========================//====06==========================================================10==========================================
3308. //
3309. ==03===============================07==========================================================11==========================================
3311. Train: Train115 has moved from 9 to 8.
3313. ==04======================================= ==08=Train115=================================
3314. // //
3315. ==01===========================//==05==========================================================09==========================================
3316. // //
3317. ==02=========================//====06==========================================================10==========================================
3318. //
3319. ==03===============================07==========================================================11==========================================
3321. Train: Train115 has arrived to destination from 1 to 8.
3323. ==04======================================= ==08=Train115=================================
3324. // //
3325. ==01===========================//==05==========================================================09==========================================
3326. // //
3327. ==02=========================//====06==========================================================10==========================================
3328. //
3329. ==03===============================07==========================================================11==========================================
3331. Successfully inserted Train115
3332. Inserting Train116
3333. Train: Train116 will go from 1 to 9 but will stop at 9 temporarily.
3334. Train: Train116 is scheduled to go from 1 to 9.
3336. ==04======================================= ==08=Train115=================================
3337. // //
3338. ==01=Train116==================//==05==========================================================09==========================================
3339. // //
3340. ==02=========================//====06==========================================================10==========================================
3341. //
3342. ==03===============================07==========================================================11==========================================
3344. Train: Train116 has moved from 1 to 5.
3346. ==04======================================= ==08=Train115=================================
3347. // //
3348. ==01===========================//==05=Train116=================================================09==========================================
3349. // //
3350. ==02=========================//====06==========================================================10==========================================
3351. //
3352. ==03===============================07==========================================================11==========================================
3354. Train: Train116 has moved from 5 to 9.
3356. ==04======================================= ==08=Train115=================================
3357. // //
3358. ==01===========================//==05==========================================================09=Train116=================================
3359. // //
3360. ==02=========================//====06==========================================================10==========================================
3361. //
3362. ==03===============================07==========================================================11==========================================
3364. Train: Train116 has arrived to destination from 1 to 9.
3366. ==04======================================= ==08=Train115=================================
3367. // //
3368. ==01===========================//==05==========================================================09=Train116=================================
3369. // //
3370. ==02=========================//====06==========================================================10==========================================
3371. //
3372. ==03===============================07==========================================================11==========================================
3374. Successfully inserted Train116
3375. Inserting Train117
3376. Train: Train117 will go from 1 to 9 but will stop at 1 temporarily.
3377. Train: Train117 is scheduled to go from 1 to 9.
3379. ==04======================================= ==08=Train115=================================
3380. // //
3381. ==01=Train117==================//==05==========================================================09=Train116=================================
3382. // //
3383. ==02=========================//====06==========================================================10==========================================
3384. //
3385. ==03===============================07==========================================================11==========================================
3387. Train: Train117 has arrived to destination from 1 to 1.
3389. ==04======================================= ==08=Train115=================================
3390. // //
3391. ==01=Train117==================//==05==========================================================09=Train116=================================
3392. // //
3393. ==02=========================//====06==========================================================10==========================================
3394. //
3395. ==03===============================07==========================================================11==========================================
3397. Successfully inserted Train117
3398. Moving Trains: Train115, Train116, Train117
3399. ==04======================================= ==08==========================================
3400. // //
3401. ==01===========================//==05=Train117=================================================09==========================================
3402. // //
3403. ==02=========================//====06==========================================================10==========================================
3404. //
3405. ==03===============================07==========================================================11==========================================
3406. moveTrainToSection05TransitionOk05 Successful
3407. [**moveTrainToSection03TransitionOk20 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk20)
3408. Test passed successfully.
3409. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk20
3410. Result: Test Passed
3411. Log file content:
3412. Adding Trains in Bulk:
3413. Inserting Train300
3414. Train: Train300 will go from 3 to 4 but will stop at 4 temporarily.
3415. Train: Train300 is scheduled to go from 3 to 4.
3417. ==04======================================= ==08==========================================
3418. // //
3419. ==01===========================//==05==========================================================09==========================================
3420. // //
3421. ==02=========================//====06==========================================================10==========================================
3422. //
3423. ==03=Train300======================07==========================================================11==========================================
3425. Train: Train300 has moved from 3 to 7.
3427. ==04======================================= ==08==========================================
3428. // //
3429. ==01===========================//==05==========================================================09==========================================
3430. // //
3431. ==02=========================//====06==========================================================10==========================================
3432. //
3433. ==03===============================07=Train300=================================================11==========================================
3435. Train: Train300 has moved from 7 to 4.
3437. ==04=Train300============================== ==08==========================================
3438. // //
3439. ==01===========================//==05==========================================================09==========================================
3440. // //
3441. ==02=========================//====06==========================================================10==========================================
3442. //
3443. ==03===============================07==========================================================11==========================================
3445. Train: Train300 has arrived to destination from 3 to 4.
3447. ==04=Train300============================== ==08==========================================
3448. // //
3449. ==01===========================//==05==========================================================09==========================================
3450. // //
3451. ==02=========================//====06==========================================================10==========================================
3452. //
3453. ==03===============================07==========================================================11==========================================
3455. Successfully inserted Train300
3456. Inserting Train301
3457. Train: Train301 will go from 11 to 3 but will stop at 3 temporarily.
3458. Train: Train301 is scheduled to go from 11 to 3.
3460. ==04=Train300============================== ==08==========================================
3461. // //
3462. ==01===========================//==05==========================================================09==========================================
3463. // //
3464. ==02=========================//====06==========================================================10==========================================
3465. //
3466. ==03===============================07==========================================================11=Train301=================================
3468. Train: Train301 has moved from 11 to 7.
3470. ==04=Train300============================== ==08==========================================
3471. // //
3472. ==01===========================//==05==========================================================09==========================================
3473. // //
3474. ==02=========================//====06==========================================================10==========================================
3475. //
3476. ==03===============================07=Train301=================================================11==========================================
3478. Train: Train301 has moved from 7 to 3.
3480. ==04=Train300============================== ==08==========================================
3481. // //
3482. ==01===========================//==05==========================================================09==========================================
3483. // //
3484. ==02=========================//====06==========================================================10==========================================
3485. //
3486. ==03=Train301======================07==========================================================11==========================================
3488. Train: Train301 has arrived to destination from 11 to 3.
3490. ==04=Train300============================== ==08==========================================
3491. // //
3492. ==01===========================//==05==========================================================09==========================================
3493. // //
3494. ==02=========================//====06==========================================================10==========================================
3495. //
3496. ==03=Train301======================07==========================================================11==========================================
3498. Successfully inserted Train301
3499. Inserting Train302
3500. Train: Train302 will go from 11 to 3 but will stop at 7 temporarily.
3501. Train: Train302 is scheduled to go from 11 to 3.
3503. ==04=Train300============================== ==08==========================================
3504. // //
3505. ==01===========================//==05==========================================================09==========================================
3506. // //
3507. ==02=========================//====06==========================================================10==========================================
3508. //
3509. ==03=Train301======================07==========================================================11=Train302=================================
3511. Train: Train302 has moved from 11 to 7.
3513. ==04=Train300============================== ==08==========================================
3514. // //
3515. ==01===========================//==05==========================================================09==========================================
3516. // //
3517. ==02=========================//====06==========================================================10==========================================
3518. //
3519. ==03=Train301======================07=Train302=================================================11==========================================
3521. Train: Train302 has arrived to destination from 11 to 7.
3523. ==04=Train300============================== ==08==========================================
3524. // //
3525. ==01===========================//==05==========================================================09==========================================
3526. // //
3527. ==02=========================//====06==========================================================10==========================================
3528. //
3529. ==03=Train301======================07=Train302=================================================11==========================================
3531. Successfully inserted Train302
3532. Moving Trains: Train300, Train301, Train302
3533. ==04======================================= ==08==========================================
3534. // //
3535. ==01===========================//==05==========================================================09==========================================
3536. // //
3537. ==02=========================//====06==========================================================10==========================================
3538. //
3539. ==03=Train302======================07==========================================================11==========================================
3540. moveTrainToSection03TransitionOk20 Successful
3541. [**moveTrainToSection04TransitionOk10 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection04TransitionOk10)
3542. Test failed.
3543. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection04TransitionOk10
3544. Result: Test Failed
3545. Log file content:
3546. Adding Trains in Bulk:
3547. Inserting Train257
3548. Train: Train257 will go from 3 to 11 but will stop at 11 temporarily.
3549. Train: Train257 is scheduled to go from 3 to 11.
3551. ==04======================================= ==08==========================================
3552. // //
3553. ==01===========================//==05==========================================================09==========================================
3554. // //
3555. ==02=========================//====06==========================================================10==========================================
3556. //
3557. ==03=Train257======================07==========================================================11==========================================
3559. Train: Train257 has moved from 3 to 7.
3561. ==04======================================= ==08==========================================
3562. // //
3563. ==01===========================//==05==========================================================09==========================================
3564. // //
3565. ==02=========================//====06==========================================================10==========================================
3566. //
3567. ==03===============================07=Train257=================================================11==========================================
3569. Train: Train257 has moved from 7 to 11.
3571. ==04======================================= ==08==========================================
3572. // //
3573. ==01===========================//==05==========================================================09==========================================
3574. // //
3575. ==02=========================//====06==========================================================10==========================================
3576. //
3577. ==03===============================07==========================================================11=Train257=================================
3579. Train: Train257 has arrived to destination from 3 to 11.
3581. ==04======================================= ==08==========================================
3582. // //
3583. ==01===========================//==05==========================================================09==========================================
3584. // //
3585. ==02=========================//====06==========================================================10==========================================
3586. //
3587. ==03===============================07==========================================================11=Train257=================================
3589. Successfully inserted Train257
3590. Inserting Train258
3591. Train: Train258 will go from 3 to 11 but will stop at 7 temporarily.
3592. Train: Train258 is scheduled to go from 3 to 11.
3594. ==04======================================= ==08==========================================
3595. // //
3596. ==01===========================//==05==========================================================09==========================================
3597. // //
3598. ==02=========================//====06==========================================================10==========================================
3599. //
3600. ==03=Train258======================07==========================================================11=Train257=================================
3602. Train: Train258 has moved from 3 to 7.
3604. ==04======================================= ==08==========================================
3605. // //
3606. ==01===========================//==05==========================================================09==========================================
3607. // //
3608. ==02=========================//====06==========================================================10==========================================
3609. //
3610. ==03===============================07=Train258=================================================11=Train257=================================
3612. Train: Train258 has arrived to destination from 3 to 7.
3614. ==04======================================= ==08==========================================
3615. // //
3616. ==01===========================//==05==========================================================09==========================================
3617. // //
3618. ==02=========================//====06==========================================================10==========================================
3619. //
3620. ==03===============================07=Train258=================================================11=Train257=================================
3622. Successfully inserted Train258
3623. Inserting Train259
3624. Train: Train259 will go from 3 to 4 but will stop at 4 temporarily.
3625. Train: Train259 is scheduled to go from 3 to 4.
3627. ==04======================================= ==08==========================================
3628. // //
3629. ==01===========================//==05==========================================================09==========================================
3630. // //
3631. ==02=========================//====06==========================================================10==========================================
3632. //
3633. ==03=Train259======================07=Train258=================================================11=Train257=================================

3636. ==04======================================= ==08==========================================
3637. // //
3638. ==01===========================//==05==========================================================09==========================================
3639. // //
3640. ==02=========================//====06==========================================================10==========================================
3641. //
3642. ==03=Train259======================07=Train258=================================================11=Train257=================================
3644. [**moveTrainToSection11TransitionOk05 (0.68/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection11TransitionOk05)
3645. Test passed successfully.
3646. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection11TransitionOk05
3647. Result: Test Passed
3648. Log file content:
3649. Adding Trains in Bulk:
3650. Inserting Train226
3651. Train: Train226 will go from 3 to 11 but will stop at 7 temporarily.
3652. Train: Train226 is scheduled to go from 3 to 11.
3654. ==04======================================= ==08==========================================
3655. // //
3656. ==01===========================//==05==========================================================09==========================================
3657. // //
3658. ==02=========================//====06==========================================================10==========================================
3659. //
3660. ==03=Train226======================07==========================================================11==========================================
3662. Train: Train226 has moved from 3 to 7.
3664. ==04======================================= ==08==========================================
3665. // //
3666. ==01===========================//==05==========================================================09==========================================
3667. // //
3668. ==02=========================//====06==========================================================10==========================================
3669. //
3670. ==03===============================07=Train226=================================================11==========================================
3672. Train: Train226 has arrived to destination from 3 to 7.
3674. ==04======================================= ==08==========================================
3675. // //
3676. ==01===========================//==05==========================================================09==========================================
3677. // //
3678. ==02=========================//====06==========================================================10==========================================
3679. //
3680. ==03===============================07=Train226=================================================11==========================================
3682. Successfully inserted Train226
3683. Inserting Train227
3684. Train: Train227 will go from 3 to 4 but will stop at 3 temporarily.
3685. Train: Train227 is scheduled to go from 3 to 4.
3687. ==04======================================= ==08==========================================
3688. // //
3689. ==01===========================//==05==========================================================09==========================================
3690. // //
3691. ==02=========================//====06==========================================================10==========================================
3692. //
3693. ==03=Train227======================07=Train226=================================================11==========================================
3695. Train: Train227 has arrived to destination from 3 to 3.
3697. ==04======================================= ==08==========================================
3698. // //
3699. ==01===========================//==05==========================================================09==========================================
3700. // //
3701. ==02=========================//====06==========================================================10==========================================
3702. //
3703. ==03=Train227======================07=Train226=================================================11==========================================
3705. Successfully inserted Train227
3706. Moving Trains: Train226, Train227
3707. ==04======================================= ==08==========================================
3708. // //
3709. ==01===========================//==05==========================================================09==========================================
3710. // //
3711. ==02=========================//====06==========================================================10==========================================
3712. //
3713. ==03===============================07=Train227=================================================11=Train226=================================
3714. moveTrainToSection11TransitionOk05 Successful
3715. [**moveTrainToSection03TransitionOk25 (0/0.68)**](https://www.gradescope.com/courses/1065045/assignments/6607136/submissions/355476513?view=results#moveTrainToSection03TransitionOk25)
3716. Test failed.
3717. Detailed result for Section01InterlockingImplTestingFinal: moveTrainToSection03TransitionOk25
3718. Result: Test Failed
3719. Log file content:
3720. Adding Trains in Bulk:
3721. Inserting Train314
3722. Train: Train314 will go from 4 to 3 but will stop at 3 temporarily.
3723. Train: Train314 is scheduled to go from 4 to 3.
3725. ==04=Train314============================== ==08==========================================
3726. // //
3727. ==01===========================//==05==========================================================09==========================================
3728. // //
3729. ==02=========================//====06==========================================================10==========================================
3730. //
3731. ==03===============================07==========================================================11==========================================
3733. Train: Train314 has moved from 4 to 7.
3735. ==04======================================= ==08==========================================
3736. // //
3737. ==01===========================//==05==========================================================09==========================================
3738. // //
3739. ==02=========================//====06==========================================================10==========================================
3740. //
3741. ==03===============================07=Train314=================================================11==========================================
3743. Train: Train314 has moved from 7 to 3.
3745. ==04======================================= ==08==========================================
3746. // //
3747. ==01===========================//==05==========================================================09==========================================
3748. // //
3749. ==02=========================//====06==========================================================10==========================================
3750. //
3751. ==03=Train314======================07==========================================================11==========================================
3753. Train: Train314 has arrived to destination from 4 to 3.
3755. ==04======================================= ==08==========================================
3756. // //
3757. ==01===========================//==05==========================================================09==========================================
3758. // //
3759. ==02=========================//====06==========================================================10==========================================
3760. //
3761. ==03=Train314======================07==========================================================11==========================================
3763. Successfully inserted Train314
3764. Inserting Train315
3765. Train: Train315 will go from 4 to 3 but will stop at 4 temporarily.
3766. Train: Train315 is scheduled to go from 4 to 3.
3768. ==04=Train315============================== ==08==========================================
3769. // //
3770. ==01===========================//==05==========================================================09==========================================
3771. // //
3772. ==02=========================//====06==========================================================10==========================================
3773. //
3774. ==03=Train314======================07==========================================================11==========================================
3776. Train: Train315 has arrived to destination from 4 to 4.
3778. ==04=Train315============================== ==08==========================================
3779. // //
3780. ==01===========================//==05==========================================================09==========================================
3781. // //
3782. ==02=========================//====06==========================================================10==========================================
3783. //
3784. ==03=Train314======================07==========================================================11==========================================
3786. Successfully inserted Train315
3787. Moving Trains: Train314, Train315
3788. ==04======================================= ==08==========================================
3789. // //
3790. ==01===========================//==05==========================================================09==========================================
3791. // //
3792. ==02=========================//====06==========================================================10==========================================
3793. //
3794. ==03===============================07=Train315=================================================11==========================================