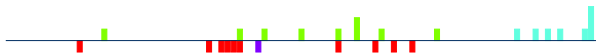


H: Hamilt~~oo~~onian Hike

Problem Author: Jorke de Vlas

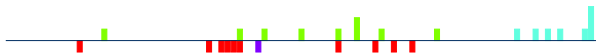


- **Problem:** Find a hiking path that visits all cabins, walking at most three trails every day.

Statistics: 28 submissions, 9 accepted, 8 unknown

H: Hamilt~~oo~~onian Hike

Problem Author: Jorke de Vlas



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- **Solution:** A modified DFS, starting from an arbitrary cabin s .
- **Variant 1:**
 - While *descending*, only stop at cabins that have *odd* distance to s .
 - While *ascending*, only stop at cabins that have *even* distance to s .

Statistics: 28 submissions, 9 accepted, 8 unknown

H: Hamilttoonian Hike

Problem Author: Jorke de Vlas



- **Problem:** Find a hiking path that visits all cabins, walking at most three trails every day.
- **Solution:** A modified DFS, starting from an arbitrary cabin s .
- **Variant 1:**
 - While *descending*, only stop at cabins that have *odd* distance to s .
 - While *ascending*, only stop at cabins that have *even* distance to s .
- **Variant 2:**

While *descending*, only stop at a cabin c if either:

 - you have walked three trails since the last cabin you stopped at, or
 - you have already walked past all neighbouring cabins of c and need to *ascend* again.

Statistics: 28 submissions, 9 accepted, 8 unknown