

Programming Homework 6

Due: 21:00, December 7, 2018

For this homework, we complete the “ladders” game project. There are 9 files in `hw6.zip`. Please submit only `path.c`. You are not allowed to change any other files.

1. Again, you can change only `path.c`, and submit only this file. In this file, you are supposed to implement BFS algorithm on the graph constructed in `backend.c`, and all the necessary data structures for BFS and BFS-tree.
2. Included in `hw6.zip` is the binary file `ladders_demo`, which is executable on our linux server. You can test your own program `ladders` against `ladders_demo`. In other words, your program must behave exactly the same as `ladders_demo`. No testcases are provided.