

Baby Bullet Skip List

You are to implement a skip list with **only one additional** level. (Beware of taking code from the internet, that is considered cheating.)

To simplify things, you can assume that the head and the tail pointers at two levels are part of the list. Create a new baby bullet node with probability $1/3$.

You do not need to implement deletes.

You need to generate two write functions for a list. One just gives the key-value pairs in order, the other one reveals the structure of the list.

Hand-in: Your code as a .py file.

Tests: See the attached ordered list implementation.