

# Quiz 6

Brian Hou

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1. Draw the box-and-pointer diagram for the `Link 1` after the following code is executed.

```
>>> l = Link(0)
>>> for e in range(1, 3):
...     l = Link(e, Link(1, 1))
>>> l.rest.rest.rest = l.rest
```

2. Write a function `all_paths` that takes in a `Tree` and returns a list of paths from the root to leaves. Each path is represented as a `Link`.

```
def all_paths(tree):
```