

```
(with-primitive-procedures [pub-or-starbucks?]
  (defm noah [depth]
    (let [noah-location (pub-or-starbucks? 0.6)
          andreas-location (andreas (dec depth))]
      (observe noah-location andreas-location)
      andreas-location))

(defm andreas [depth]
  (let [andreas-location (pub-or-starbucks? 0.6)]
    (if (> depth 0)
      (let [noah-location (noah depth)]
        (observe andreas-location noah-location)
        noah-location)
      (sample andreas-location)))))
```