

```
(defn sample& [dist k]
  ;; [ ALGORITHM-SPECIFIC IMPLEMENTATION HERE ]
  ;; Pass the sampled value to the continuation
  (k (sample dist)))
```

```
(defn observe& [dist value k]
  (println "log-weight =" (observe dist value))
  ;; [ ALGORITHM-SPECIFIC IMPLEMENTATION HERE ]
  ;; Call continuation with no arguments
  (k))
```

```
(defn predict& [label value k]
  ;; [ ALGORITHM-SPECIFIC IMPLEMENTATION HERE ]
  (k label value))
```