

$v[0]=0;$   
 $v[1]=0;$

$cur = \text{FIRST}(\text{MyObj})$

$v[0] = v[0] + \text{RandomWalk}(cur);$   
 $v[1] = v[1] + 1;$

is  $cur$  the last  $\text{MyObj}$ ?

NO

$cur = \text{NEXT}(cur)$

YES

$\text{RESULT}(v[0]/v[1])$

```
graph TD; A["v[0]=0;  
v[1]=0;"] --> B["cur=FIRST(MyObj)"]; B --> C["v[0]=v[0]+RandomWalk(cur);  
v[1]=v[1]+1;"]; C --> D{"is cur the last MyObj?"}; D -- NO --> E["cur= NEXT(cur)"]; E --> C; D -- YES --> F["RESULT(v[0]/v[1])"];
```