```
E |- Integer get(int key){...}: Integer
        E[key -> int]
        E[find return -> Integer]
        E[find p1 -> int]
        E |- HashEntry found = find(key);:void
1.
                 E[found -> HashEntry]
        a.
                 E |- found = find(key) : void
                 i. E |- found : tau (tau -> HashEntry)
                          E(found) = HashEntry
                 ii. E |- find(key) : sigma (sigma -> HashEntry)
                          (1) E |- key : omega (omega -> int)
                                  E(key) = int
                          (2) E |-find param1 : phi (phi -> int)
                                  E(find param1) = int
                          (3) phi := omega (int := int)
                          (4) E |- find return : sigma (sigma -> HashEntry)
                                  E(find ret) = HashEntry
                 iii. tau := sigma (HashEntry := HashEntry)
2.
        E |- if (found == null) {...} else {...};: void
        a. E |- found == null : boolean
                 i. E |- found : tau (tau -> HashEntry)
                          E(found) = HashEntry
                 ii. E |- null : sigma (sigma -> null)
                          E(null) = null
                 iii. tau :== sigma (HashEntry :== null)
        b. E |- return null; : void
                 i. E |- null : sigma (sigma -> null)
                          E(null) = null
                 ii. E |- find return: tau (tau -> Integer)
```

iii. tau := sigma (Integer := null)

c. E |- return found.value; : void

i. E |- found.value : tau (tau -> Integer)

E(found.value) = Integer

ii. E |- find return : sigma (sigma -> Integer)

E(find ret) = Integer

iii. tau := sigma (Integer := Integer)