

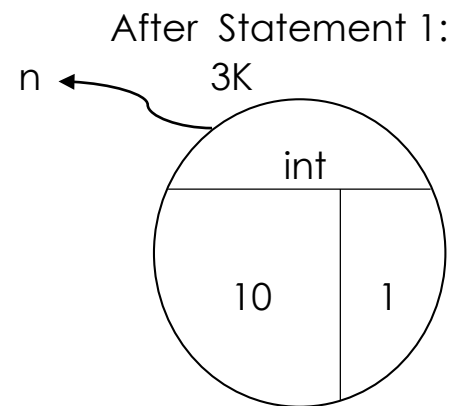
ASSIGNMENT STATEMENT SCENARIOS

• CASE 1:

```
n = 10          ...St-1
print(n)        ...St-2
```

Symbol Table:

| | |
|---|----|
| n | 3K |
|---|----|

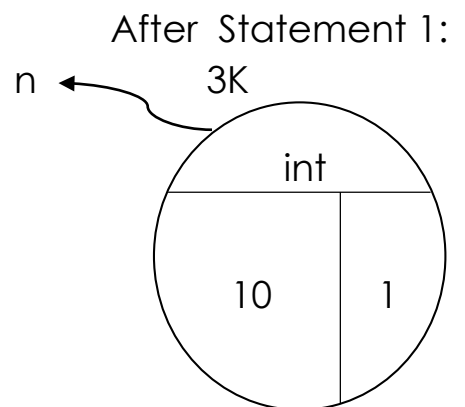


• CASE 2:

```
n = 10          ...St-1
m = n           ...St-2
```

Symbol Table (St. 1):

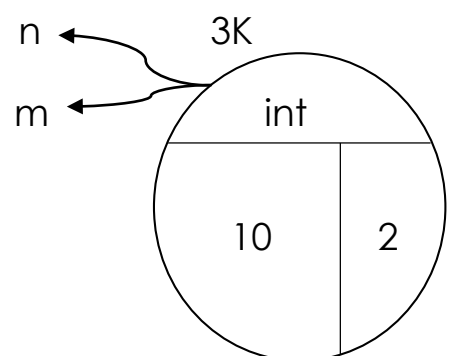
| | |
|---|----|
| n | 3K |
|---|----|



After Statement 2:

Symbol Table (St. 2):

| | |
|---|----|
| n | 3K |
| m | 3K |

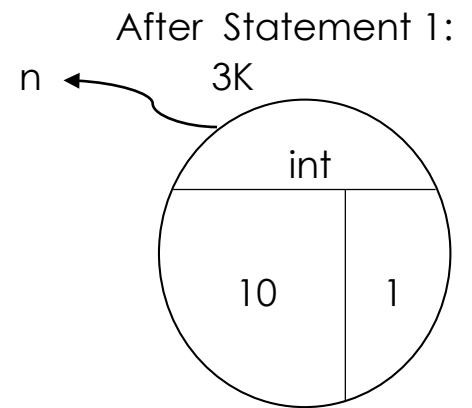


• CASE 3:

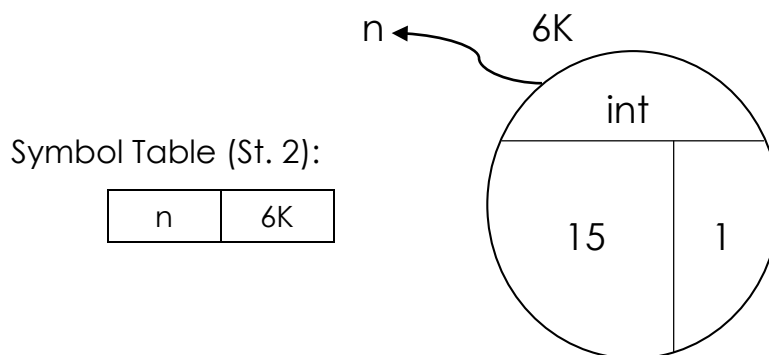
```
n = 10      ...St-1
n = 15      ...St-2
```

Symbol Table (St. 1):

| | |
|---|----|
| n | 3K |
|---|----|



After Statement 2:

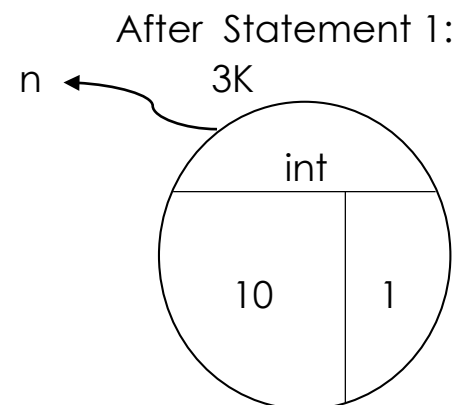


• CASE 4:

```
m = 10      ...St-1
n = m        ...St-2
k = m        ...St-3
n = 15       ...St-4
del m        ...St-5
```

Symbol Table (St. 1):

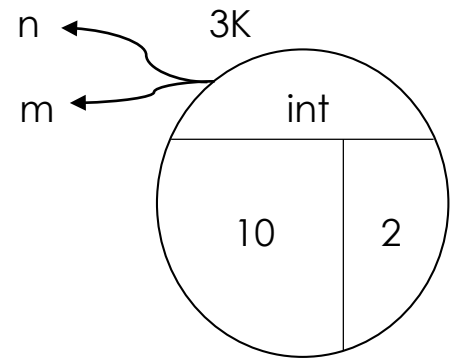
| | |
|---|----|
| m | 3K |
|---|----|



After Statement 2:

Symbol Table (St. 2):

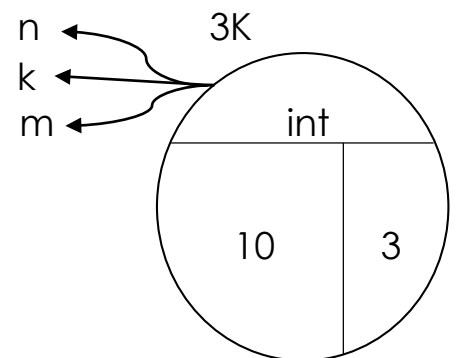
| | |
|---|----|
| m | 3K |
| n | 3K |



After Statement 3:

Symbol Table (St. 3):

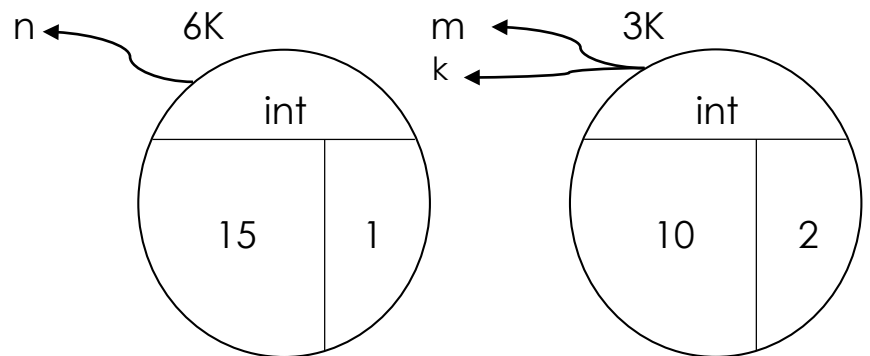
| | |
|---|----|
| m | 3K |
| n | 3K |
| k | 3K |



After Statement 4:

Symbol Table (St. 4):

| | |
|---|----|
| n | 6K |
| m | 3K |
| k | 3K |



After Statement 5:

Symbol Table (St. 5):

| | |
|---|----|
| n | 6K |
| k | 3K |

