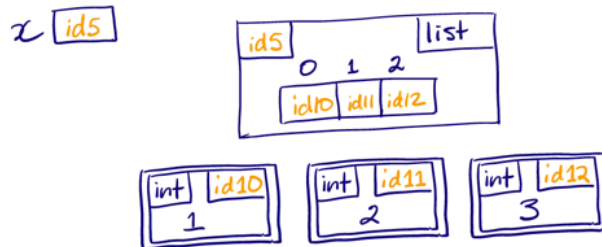# CSC148 Worksheet 1 Solution
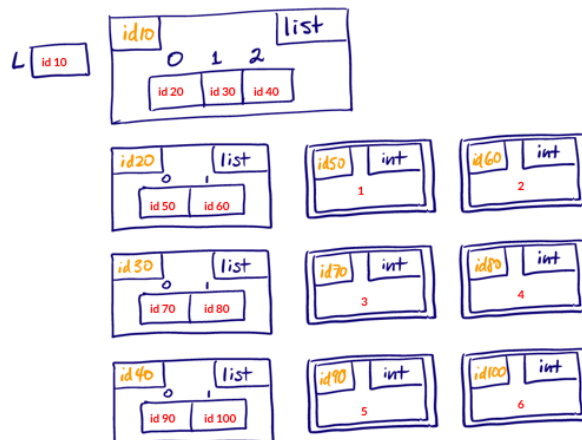
Hyungmo Gu

April 10, 2020
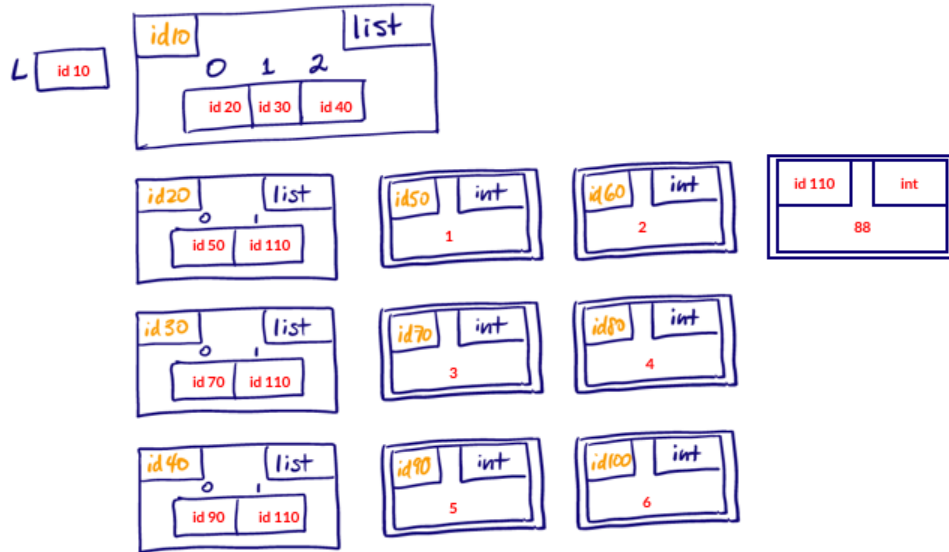
Question 1

Question 2
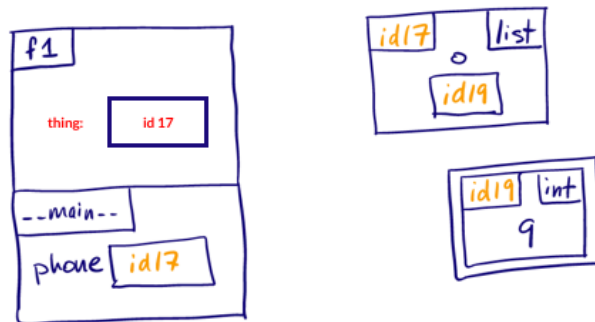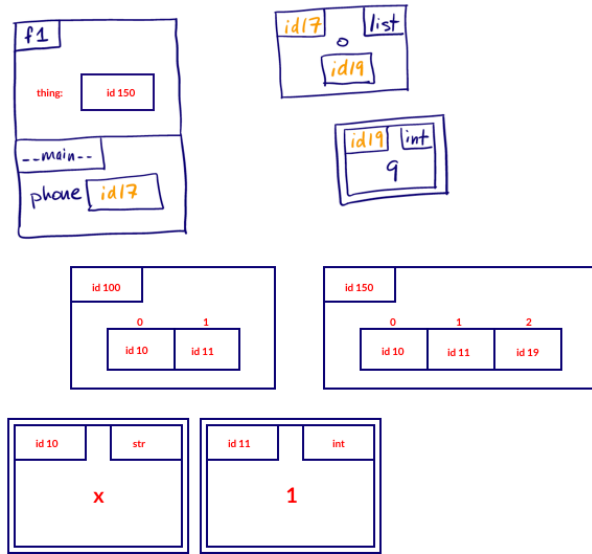

Attempt 2:

id10 list
L id 10
0 1 2
id 20 | id 30 | id 40

id20 list
id 50 | id 110

id50 int
1

id60 int
2

id 110 int
88

id30 list
id 70 | id 110

id70 int
3

id80 int
4

id40 list
id 90 | id 110

id90 int
5

id100 int
6

Notes:

- In solution, the id allocated in 'id 5', but elements in list are stored in id far higher than that (i.e id 50, id 60). Is there a rule behind where the value gets stored?

Question 3

f1

thing: | id 17

__main__

phone | id17

id17 list
0
id19

id19 int
9

Attempt 2:

2

f1

thing: | id 150

--main--

phone | id17

id17 | list

id19

id19 | int

9

id 100

| | 0 | 1 |
| id 10 | id 11 |

id 150

| | 0 | 1 | 2 |
| id 10 | id 11 | id 19 |

id 10 | str

x

id 11 | int

1

Question 4