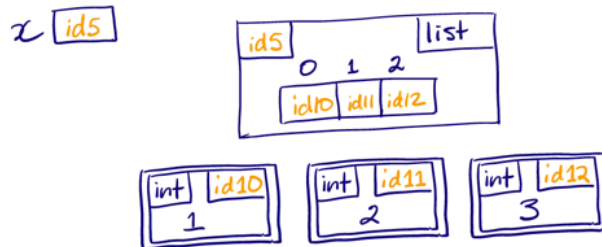


# CSC148 Worksheet 1 Solution

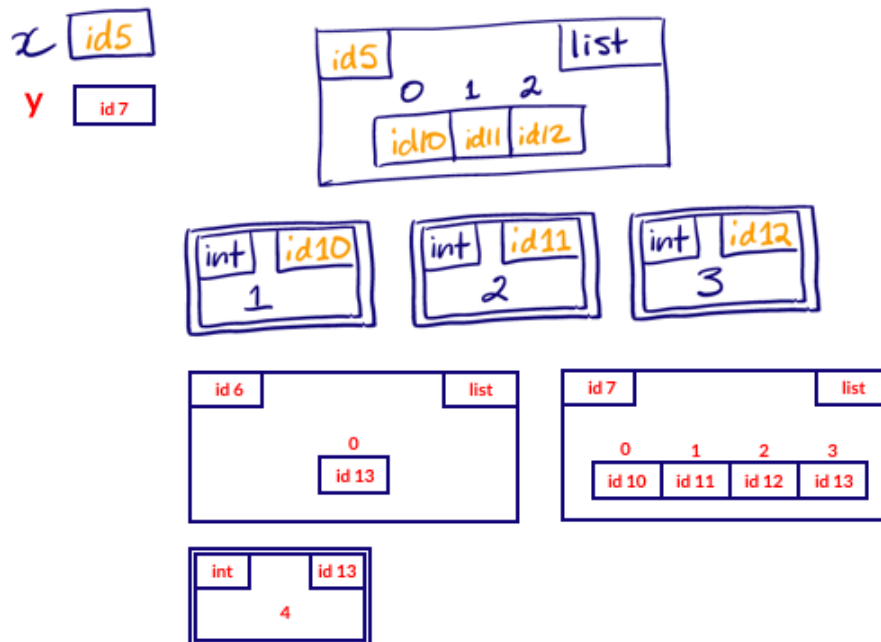
Hyungmo Gu

April 10, 2020

## Question 1



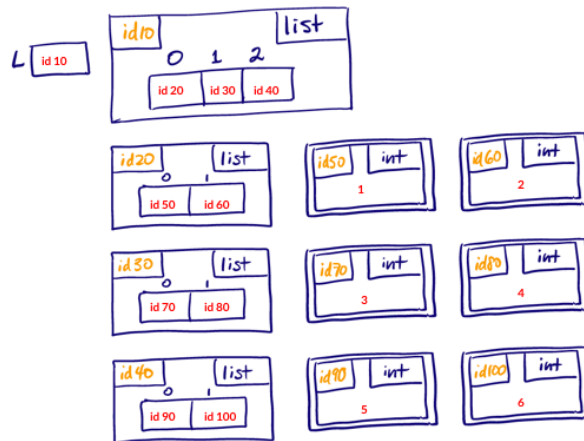
### Correct Solution:



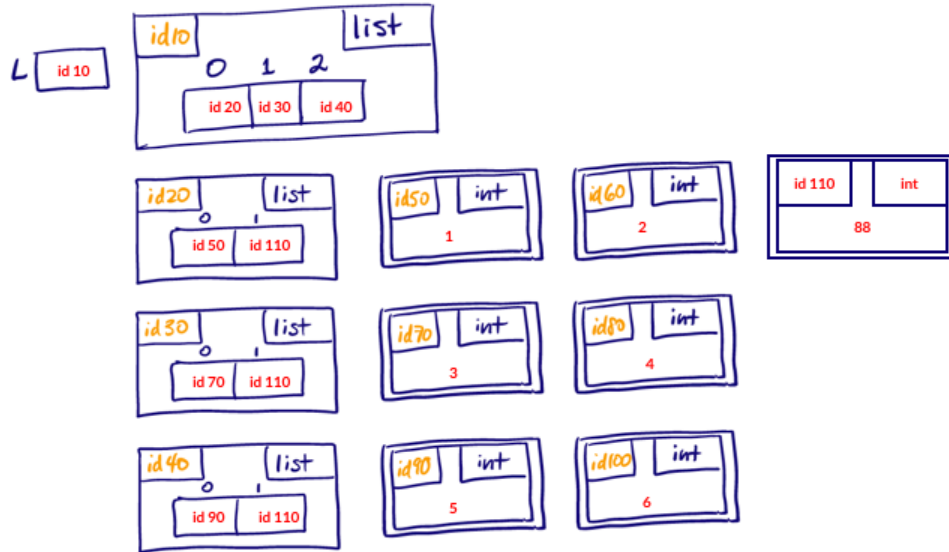
## Notes:

- Noticed list type doesn't span over multiple ids, and they can be allocated right next to another.
- Noticed in this question as well as other that ids of lists are placed before values. Is it a rule of thumb that ids of lists (id 5, id 6, id 7) gets placed before the ids of elements (id 10, id 11, id 12, id 13)?

## Question 2



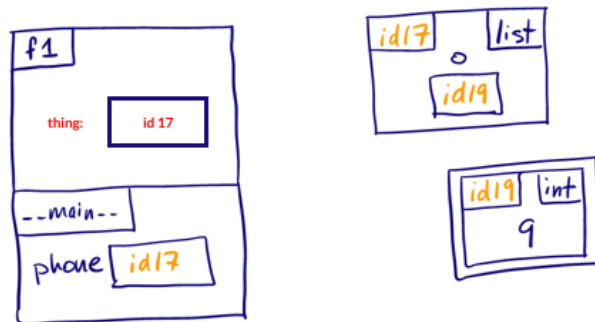
Attempt 2:



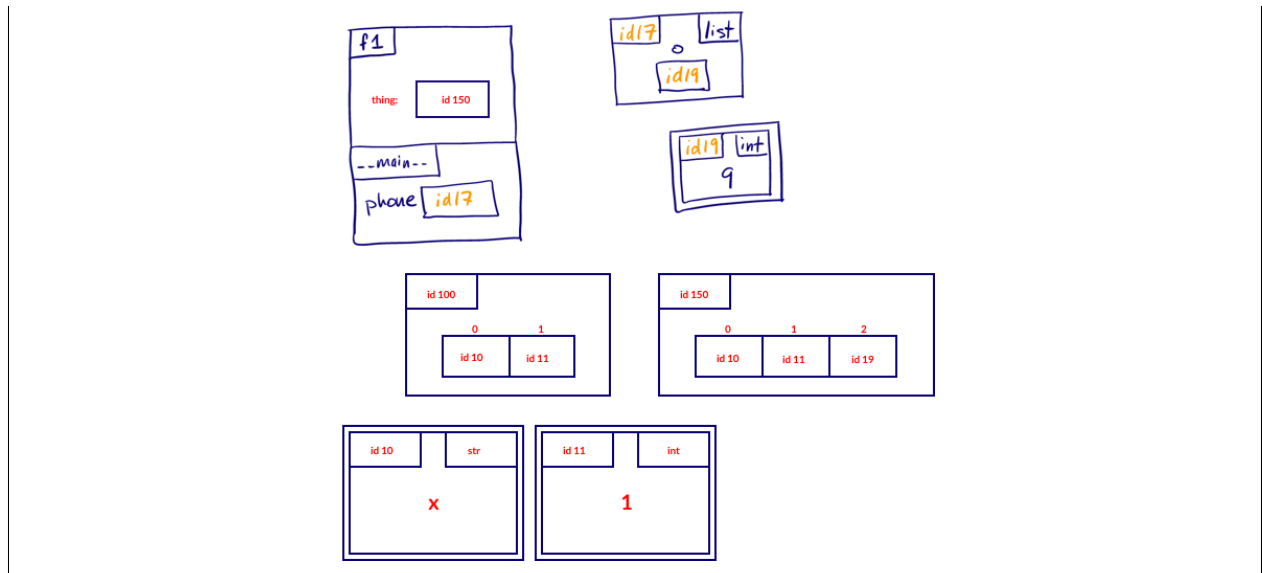
Notes:

- 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?

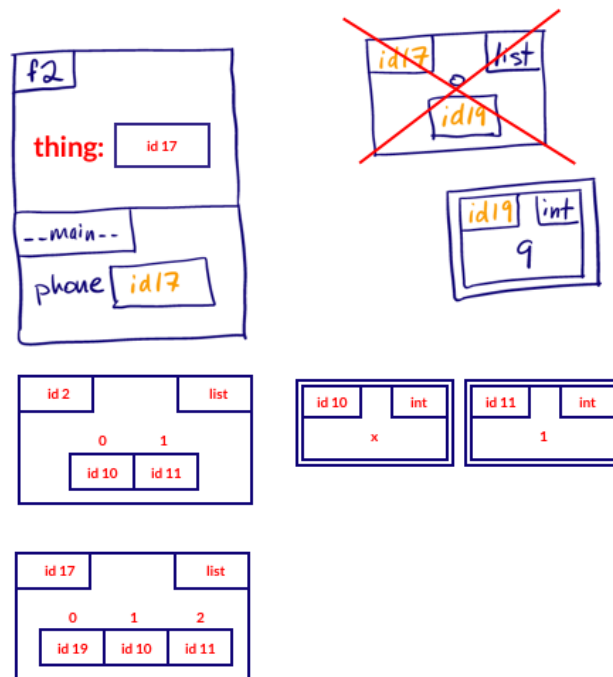
### Question 3



Attempt 2:



## Question 4



### Notes:

- Noticed professor assigned the list ['x',1] to 'id 100'. But its elements are given 'id 8' and 'id 9'. Is there rules about how the id of list and values are assigned?