



LINKED LIST: CLASS EXERCISE 1

CSC248: FUNDAMENTALS OF DATA STRUCTURES



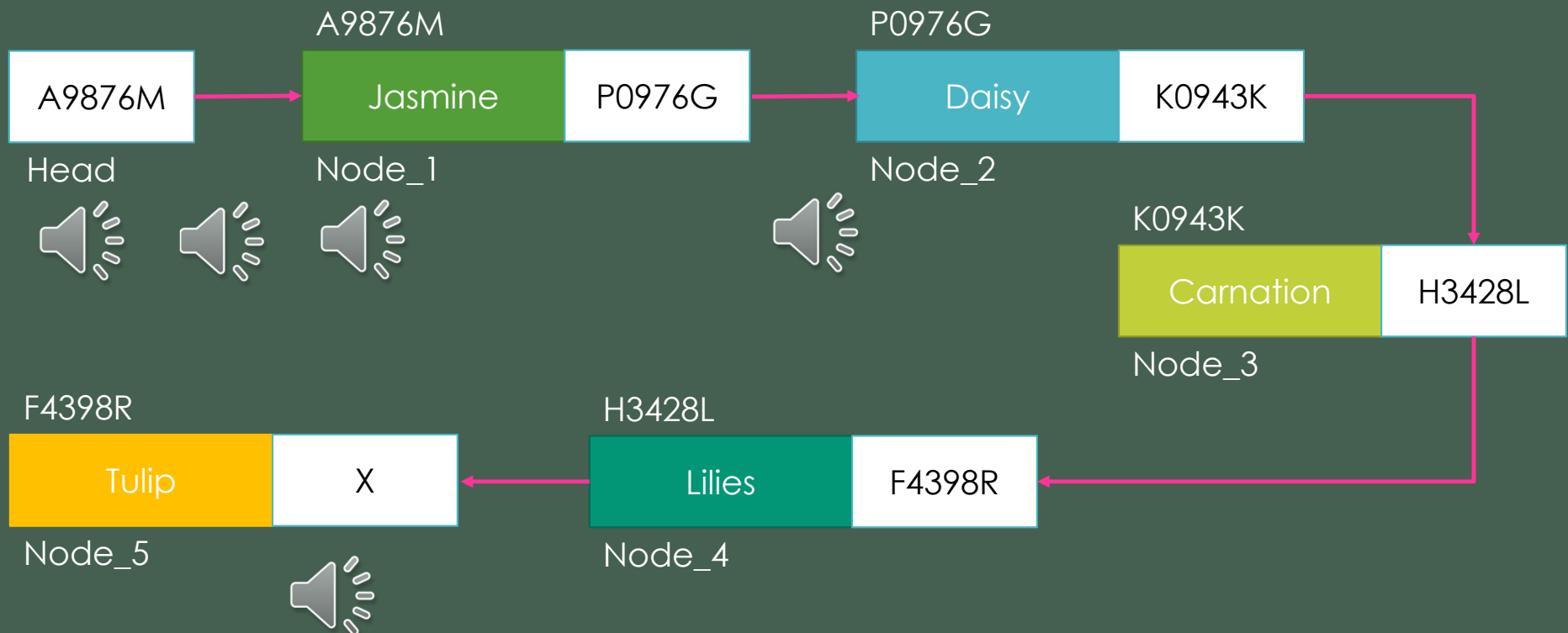
QUESTION #1

Given the details of the nodes in a linked list named LL_1:



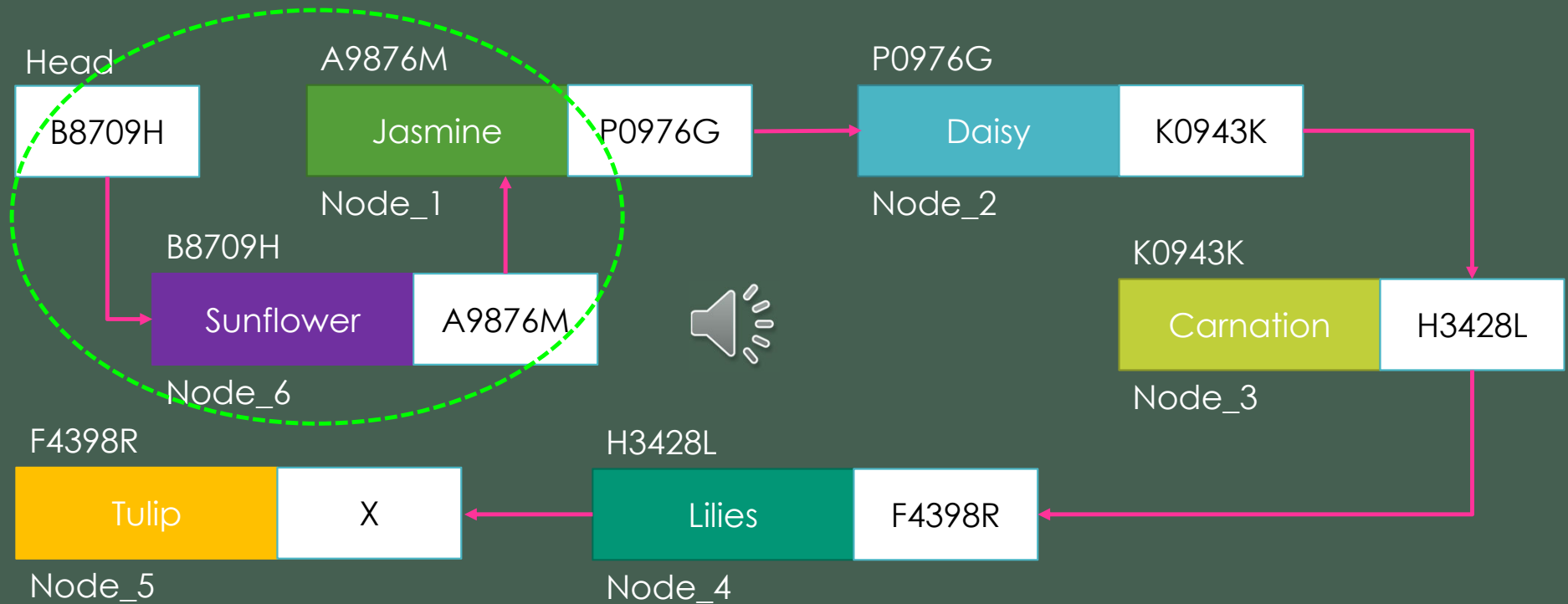
Node	Address of node	Data	Next
Node_1	A9876M	Jasmine	P0976G
Node_2	P0976G	Daisy	K0943K
Node_3	K0943K	Carnation	H3428L
Node_4	H3428L	Lilies	F4398R
Node_5	F4398R	Tulip	NULL

(a) Draw the initial diagram for the linked list.

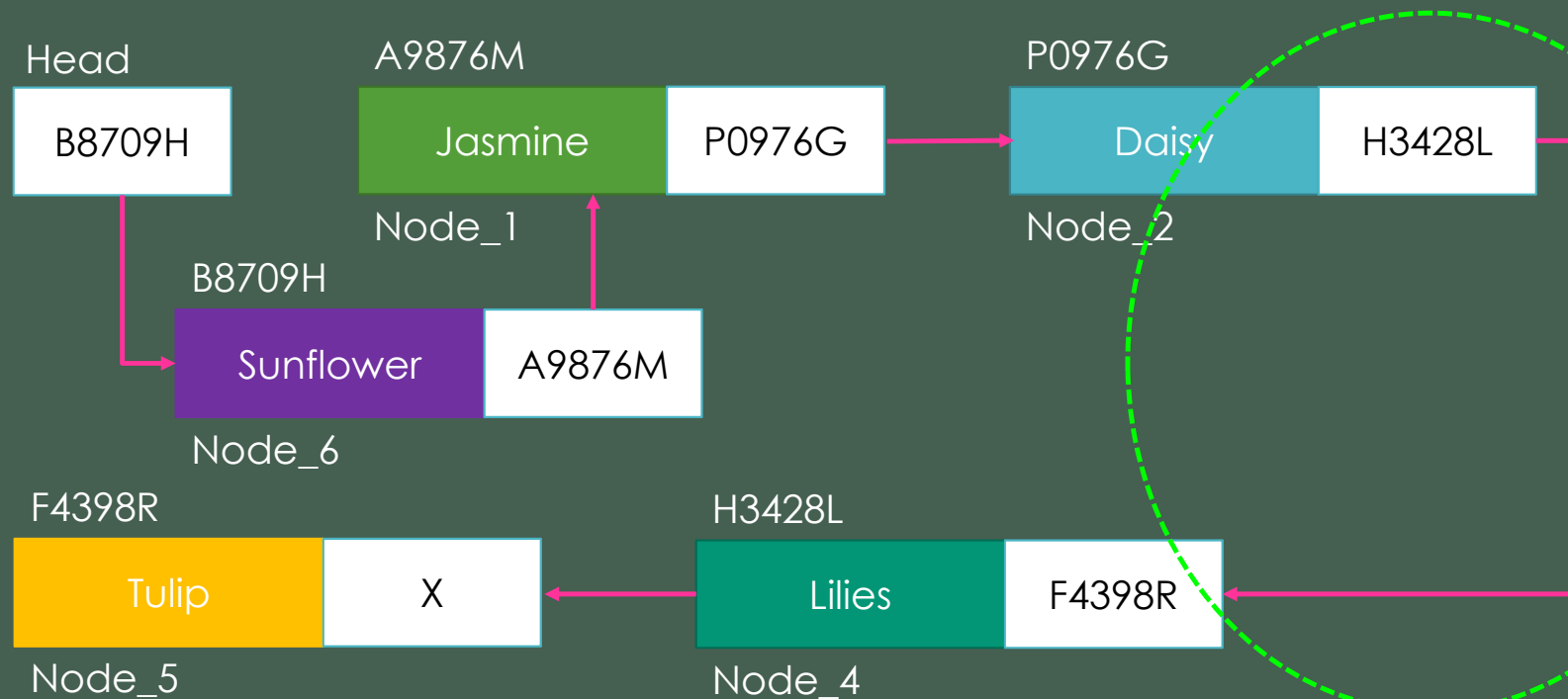


(b) Let the node with the following values be the first node:

Name : **Node_6**
Address : **B8709H**
Data : **Sunflower**

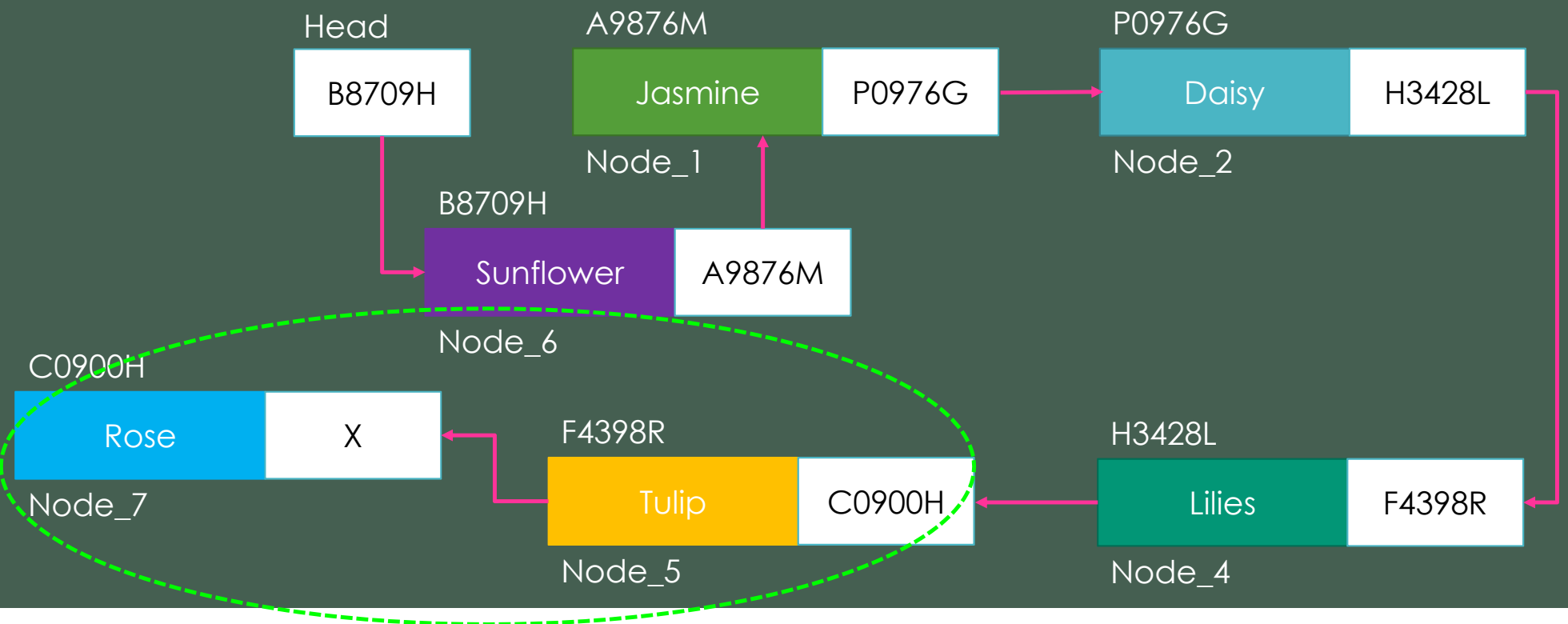


(c) Remove Node_3 from the linked list.



(d) Let the node with the following values be the last node:

Name : **Node_7**
Address : **C0900H**
Data : **Rose**





THANK YOU