Here is the documentation for the Tweet class:

class Tweet:
    """A tweet, like in Twitter.

    === Attributes ===
    content: the contents of the tweet.
    userid: the id of the user who wrote the tweet.
    created_at: the date the tweet was written.
    likes: the number of likes this tweet has received.
    """

    content: str
    userid: str
    created_at: date
    likes: int

    def __init__(self, who: str, when: date, what: str) -> None:
        """Initialize a new Tweet."""

1. Suppose we run the following code:

t1 = Tweet('Giovanna', date(2017, 9, 18), 'Hello')

Draw the memory model for this line of code. Note that date is a class; calling date(2017, 9, 18) creates an instance of date. Since you don’t know how date is actually implemented, in your diagram just draw a box with type date whose value is September 18, 2017.

2. Now suppose the following statements are executed after the first line. Modify your diagram from above to show how these statements change the program’s state.

t2 = t1
message = t1.content
t2.content = 'Goodbye'