CSC148 - A User class

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.
    """

def like(self, n: int) -> None:
    """
    Record the fact that this tweet received <n> likes.
    
    These likes are in addition to the ones <self> already has.
    """

Now that we’ve seen the Tweet class, let’s develop another class to interact with it, representing a user of Twitter.

class User:
    """
    A Twitter user.
    
    === Attributes ===
    userid: the userid of this Twitter user.
    bio: the bio of this Twitter user.
    follows: the userids of the other users who this Twitter user follows.
    tweets: the tweets that this user has made.
    """

    # Attribute types
    userid: str
    bio: str
    follows: List[str]
    tweets: List[Tweet]

1. Implement the initializer of this class according to its docstring.

    def __init__(self, userid: str, bio: str) -> None:
        """
        Initialize a new user with the given id and bio.
        
        The new user initially follows no one, and has no tweets.
        """
2. Implement the `User` method `tweet` according to its docstring.

```python
def tweet(self, message: str) -> None:
    """Record that this User made a tweet with the given content.

    Use `date.today()` to get the current date for the newly-created tweet.
    """
```