

CSC148 Worksheet 4 Solution

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Question 1

```
1  class User:
2      ...
3
4      def __init__(self, userid: str, bio: str) -> None:
5          """Initialize a new user with the given id and bio.
6             The new user initially has no tweets.
7             """
8
9          self.userid = userid
10         self.bio = bio
11         self.tweets = []
```

Question 2

```
1  class User:
2      ...
3
4      def tweet(self, message: str) -> None:
5          """Record that this User made a tweet with the given content.
6             Use date.today() to get the current date for the newly-created
7             tweet.
8             """
9
10         # 1. create a tweet with message
11         tweet = Tweet(self.userid, date.today(), message)
12
13         # 2. store tweet in tweets attribute
14         self.tweets.extend(tweet)
```

Question 3

```
1  """
2  user = User('hyungmo', 'corgi')
3  user.follow('sunshine')
4  """
```

Correct Solution:

```
1      """
2      >>>moe = User('hyungmo','corgi')
3      >>>sunshine = User('sunshine','warm, kind and beautiful')
4      >>>moe.follow(sunshine)
5      """
6
```

Question 4