Complete the following quiz questions and return the sheet to your TA. Do this at the start of the lab session.

1. [**4 points**] Complete these 3 concept abstractions, each with 2 operations that describe a common behavior and 2 quantities or properties that describe common types of data (without reusing the example answers).

   Examples

   (a) *Wheel* class has an operation *rotate* and a quantity *radius*

   (b) *Account* class has an operation *check balance* and a quantity *current balance*

Abstraction (Class)	Operation (Method)	Quantity(Variable)
e.g. Student	**e.g. Completes homework, attends lecture**	**e.g. Name, PUID**
TA	Answers questions, grades labs	Office, classification
Professor	Lectures material, posts grades	Office, email

   [Answer] These are just examples.

2. [**6 points**] Identify in the following program each place where any of these 4 operations occur (6 total occurrences).

   1. Get an existing class so that the program can use it.
   2. Make an assignment to a variable
   3. Convert the internal format to a String
   4. Display an output

```java
import javax.swing.*;                                    (1)
import java.util.Date;                                   (1)

public class Quiz02 {
    public static void main(String [] args) {
        Date today = new Date();                         (2)
        String s = today.toString();                     (2)(3)
        System.out.println(s);                           (4)
    }
}
```

   [Answer] Lines are marked (#)