1. (2 pts) When the following class is executed and run, how many times will Hello be printed? Explain.

```java
public class Question1 {
    private String string;
    public Question1() {
        System.out.println("Hello");
        System.out.println("Hello");
        System.out.println(string.length());
        System.out.println("Hello");
        System.out.println("Hello");
    }
    public static void main(String[] args) {
        Question1 question1 = new Question1();
    }
}
```

2. (2 pts) The Java keyword __________________________ precedes a list of checked exceptions that might occur when a method is executed, whereas the Java keyword __________________________ causes an exception to occur.

3. (2 pts) The classes __________________________, __________________________, and their subclasses are called checked exceptions whereas all other exceptions are called __________________________ exceptions, and if we don’t inform the compiler that these exceptions could occur, we violate Java’s __________________________ rule.

4. (2 pts) True/False __________________________ If there is a finally block associated with a try block, then if no exception occurs during the execution of the try block, the finally block will not be executed.

5. (2 pts) Will there be a syntax error when the following code is executed? Explain. Assume that the java.io package has been imported.

```java
try {
    FileReader file = new FileReader("test.data");
} catch (Exception e) {
    System.out.println("An exception occurred");
} catch (IOException ie) {
    System.out.println("An I/O exception occurred");
}
```