Signature	CSE 11	Name
	Quiz 3	
cs11f	<b>Fall 2008</b>	Student ID
This quiz is to be taken <b>by yoursel</b>	<b>f</b> with closed books, closed note	es, no calculators.
	e e	nat modeling the real world, we often start by hat is <u>private</u> . Use these underlined words to
Object w	ill be modeled as instance varial	bles, constants, static variables. By default,
we usually make thesedirect access to them.	so no other code outsic	le of the class in which they are defined has
Objectv	will be modeled as constructors	and methods. Usually these are
so they are	part of the object's interface that	t other objects can use versus
which means		
	,	
Which GUI component covered in	Ch. 11 of the textbook is the mo	ost useful for getting a single line of input
from the user?		
Which GUI component covered in	Ch 11 of the textbook is the mo	est useful for displaying multiple lines of text?
The name of the event handler met	thod used to handle ActionEven	ts is
What is returned by each of the fol	lowing method invocations whe	en bigString is
"I drank java on the	e island of Java."	
bigString.charAt( 3 )		
bigString.charAt( bigString.len	gth() - 1 )	
bigString.substring(5, 11)		
<pre>bigString.indexOf( "java" )</pre>		

## Given the following definitions:

```
public interface Speakable
{
   public String speak();
}
```

## And the following variable definitions:

```
private Puppy puppy;
private Kitty kitty;
private Speakable speakable;
```

Indicate which are valid Java statements. Consider each statement as executed in the order it appears.

- A) Valid Java statement No Compiler Error
- B) Invalid Java statement Compiler Error

```
puppy = new Puppy();
kitty = new Kitty();
puppy.speak();
puppy.wag();
puppy.sleep( 1000 );
kitty.speak();
kitty.wag();
kitty.sleep( 2000 );
speakable = puppy;
speakable.speak();
speakable.wag();
speakable = kitty;
speakable.speak();
speakable.sleep( 3000 );
puppy = kitty;
speakable = new Speakable(); __
```

```
int result = 20;
int count = 0;

while ( count < 15 )
{
   count++;
   --result;
}

Value of count after loop terminates
   ———
Value of result after loop terminates
   ————</pre>
```