This quiz is to be taken by yourself with closed books, closed notes, no calculators.

Which of the following are not valid Java identifiers? (Circle your answer(s).) [+1 – correct; -1 – incorrect; No negative score]

<table>
<thead>
<tr>
<th>Identifier</th>
<th>Not Valid Java Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>this&amp;that</td>
<td></td>
</tr>
<tr>
<td>thisRthat</td>
<td></td>
</tr>
<tr>
<td>This_2_That</td>
<td></td>
</tr>
<tr>
<td>integer</td>
<td></td>
</tr>
<tr>
<td>nine2five</td>
<td></td>
</tr>
<tr>
<td>n!ne_2_5</td>
<td></td>
</tr>
<tr>
<td>9_2_5</td>
<td></td>
</tr>
<tr>
<td>int</td>
<td></td>
</tr>
</tbody>
</table>

What does the statement `System.out.println( "The answer is: " + 3 + 2 + 1 );` print?

______________________________________________

What does the statement `System.out.println( 2 >= 3 );` print?

______________________________________________

What does `int x = 5 / 3; System.out.println( x );` print?

______________________________________________

What does the statement `System.out.println( "The answer is: " + 3 + (2 + 1 ) );` print?

______________________________________________

Given this (incorrect) method definition:

```java
public int drawSquare( int size )
{
    turtle1.turnLeft();
    turtle1.forward( 100 );
    turtle1.turnLeft();
    turtle1.forward( 100 );
    turtle1.turnLeft();
    turtle1.forward( 100 );
    turtle1.turnLeft();
    turtle1.forward( 100 );
    turtle1.turnLeft();
    turtle1.forward( 100 );
}
```

As discussed in class, what do we need to change to correct this code?

Change the return type to ____________________

Change all of the 100s to ____________________

Change all the turtle1s to ____________________
What is stored in the memory location allocated for the variable \( x \) for the following:

\[
\text{int } x = -99;
\]

A) \( x \)  
B) a reference (or address in memory) to where the value -99 is stored  
C) the value -99  
D) int

What is printed by the following code?

```java
int foo = 42;
int bar = 42;
boolean foobar = ( foo == bar );
System.out.println( foobar );
foo = 37;
System.out.println( foobar );
System.out.println( foo == bar );
```

What is stored in the memory location allocated for the variable \( x \) for the following:

```
String x = "-99";
```

A) \( x \)  
B) a reference (or address in memory) to where the string "-99" is stored  
C) the value -99  
D) int

Using only the statements below, select the order of the statements to draw a T such that the width of the T is size pixels and the height of the T is twice size pixels. Do not worry about where it is drawing. Assume the turtle is pointing up when the method is called and is positioned at the upper left corner of where we want to draw the T. Start drawing the T at the upper left corner of the T. Have the turtle end at the bottom of the T.

Write the letter corresponding to each statement in the correct order to draw a T. Do it in exactly 5 statements.

A) this.forward( 2 * size );  
B) this.forward( size );  
C) this.turn( 90 );  
D) this.forward( -(size/2) );

```java
public void drawT( int size )
{
    _____
    _____
    _____
    _____
    _____
}
```