Signature	<b>CSE 11</b>	Name
	Quiz 4	
cs11f	<b>Fall 2010</b>	<b>Student ID</b>

This quiz is to be taken **by yourself** with closed books, closed notes, no electronic devices.

What is the output produced by the following program? (Hint: draw stack frames)

```
public class Mystery
  public static void main( String[] args )
    Mystery ref = new Mystery();
    System.out.println( ref.mystery( 10 ) );
  private int mystery( int a )
    int b = a + 5;
    if (b >= 10)
      System.out.println( a );
     b = a + mystery(a - 2);
     System.out.println( b );
    }
    else
      System.out.println( "Yield!" );
      b = a + 2i
      System.out.println( a );
    return b;
}
```

## Output

Given the following array declaration:						
int[] a = { 1, 3, 5, 7, 9 };						
Fill in the blanks to print out each eleme	nt:					
( int i =	_ ; i ·	< ;		)		
System.out.println(	);					
Now do the same using a foreach loop:						
( int i		)				
System.out.println(	);					
A) Class (static) variable B) Instance variable C) Static method D) Instance method E) Local variable F) Formal Parameter G) Constructor H) Class definition		1) The Class Area 2) The Heap 3) Stack Frame in the Runtime Stack  Java program part  Java Runtime area (Answer A-H in this column)  (Answer 1-3 in this column)				
public class F10		`	F10	`	,	
{     private char actor;			actor			
<pre>public F10() { }</pre>			F10			
<pre>public void setActor( char ch ) { actor</pre>	or = ch;	; }	ch			
			setActo	r		
<pre>public static int cling; }</pre>			cling			
public class SomeOtherClass			SomeOth	erClass		
<pre>{    private int cling;</pre>			cling			
<pre>public static void main( String[] arg {</pre>	s )		args			

```
main
      char toon = '?';
                                                                              toon
      F10 ref1;
                                                                              ref1
      ref1 = new F10();
                                                                      (where ref1 is pointing)
      SomeOtherClass ref2 = new SomeOtherClass();
                                                                              ref2
      \ensuremath{//} Other Code ... possibly changes the value in toon
                                                                     (where ref2 is pointing)
  }
  public char fubar( char tester ) { \dots }
                                                                              tester
                                                                              fubar
}
```