1. What is printed when you run this code?
 	
``java
int[] nums = {3,4,7,6,9,2,11};
for(int i = nums.length-1; i>-1; i--)
{
  if(nums[i]%2==0)
    System.out.print(nums[i]+1);
}
``
	2. What are the contents of this array when this code has run?
	
	``java
	int[] nums = {3,4,7,6};
	for(int i = 0; i<nums.length; i++)
	{
	  nums[i]=nums[i]+nums[i]%2;
	}
	``

Problems 3 through 5 all use the Frog class and all go together.

3. Given the Frog class to the right, write code that creates a Frog array named pond to hold 500 Frog objects and then instantiates each element.	```java
	class Frog
	{
	   private int location;
	   public Frog() {location=0; }
	   public void hop(int n) {location+=n; }
	   public int getLocation() {return location;}
	   public String toString() {String temp = "";
	      for(int i = 0;i<location;i++){ temp+="."; }
	      return temp+"@";
	   }
	}
	``

4. Write code to hop each Frog in the array pond a random value from 10 to 50 inclusive.

5. Write code to report the average location of all of the Frog objects in the pond array. (You will use the .getLocation() method which returns an int value of a specific Frog object's location.) Print the average as a double.

6. Write code which changes all elements of String array arr to be upper case.

```java
String[] arr = //initialized with valid data;
```

7. Write a method dupPresent that accepts a String array named **names** and returns true if one or more duplicates are present, false if no duplicates are present. The data is not sorted.

8. Write a <u>regular for loop</u> to print all the elements of an int array **nums** on a single line:	9. Write an <u>enhanced for loop</u> to add all the elements of an int array **nums** in the variable **total**.
`int[] nums = //initialized with valid data;`	`int[] nums = //initialized with valid data;` `int total = 0;`

10. Write code that prints all elements of the String array words which end in "ly". For example, if words contained {"coyly", "friendly", "lynx""} the code would print "coyly" and "friendly".

```
String[] words = //initialized with valid data;
```