

```
Exception in thread "main" java.lang.Error: Unresolved compilation problem:  
    This method must return a result of type String[]  
  
    at Mastery.EvensAndOdds.categorizeNumbers(EvensAndOdds.java:32)  
    at Mastery.EvensAndOdds1.main(EvensAndOdds1.java:11)
```

```
public String[] categorizeNumbers(int[] numbers) {  
    String[] evens = new String[0];  
    String[] odds = new String[0];  
    for (int i = 0; i < numbers.length; i++) {  
        if (numbers[i] % 2 == 0) {  
            evens = addElement(evens, numbers[i]);  
        } else {  
            odds = addElement(odds, numbers[i]);  
        }  
    }  
    return new String[]{evens.toString(), odds.toString()};  
}
```

- No return for the method

```
return new String[]{evens.toString(), odds.toString()};
```

- Added a return statement in the method by a return for the even and odd numbers.