

1. Consider the following code fragments. For each, if there is a compiler error, identify where it occurs.

a. First fragment:

```
List<Integer> ints = new ArrayList<>();  
ints.add(1);  
ints.add(2);  
List<Number> nums = ints; //a compiler error occurs here  
nums.add(3.14);
```

b. Second fragment:

```
List<Integer> ints = ArrayList<>();  
ints.add(1);  
ints.add(2);  
List<? extends Number> nums = ints;  
nums.add(3.14); //a compiler error occurs here
```