public class EmptyIntList implements IntList {
    public IntList concatenate(IntList other) {
        return other;
    }
}

public class IntListCell implements IntList {
    public IntList concatenate(IntList other) {
        IntList newNext = next.concatenate(other);
        return new IntListCell(value, newNext);
    }
}

In main(…)

    List emptyList = new EmptyIntList();
    List fiveList = new IntListCell(5, emptyList);
    List fourList = new IntListCell(4, emptyList);
    List fourFive = fourList.concatenate(fiveList);

In the program above, when IntListCell.concatenate(…) is executing with fourList as the receiver, which concatenate method is invoked in the call next.concatenate(other)? Put a star by the method.

Why is that method implementation invoked, and not the other one?
Complete the drawing of the final heap, and put a star by the object to which the `fourFive` variable points.

```java
In main(...)
List emptyList = new EmptyIntList();
List fiveList = new IntListCell(5, emptyList);
List fourList = new IntListCell(4, emptyList);
List fourFive = fourList.concatenate(fiveList);
```