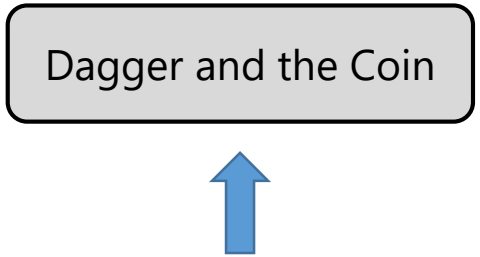
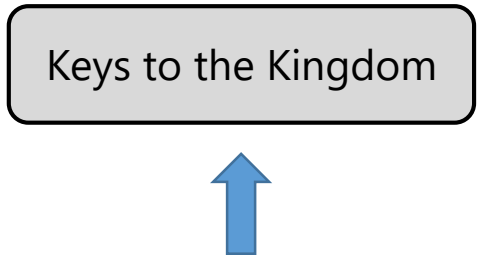
Question 1

- Part A: Lecture 7 Tree Part 2 Slide 16-17
- Part B: Lecture 8 Tree Part 3 Slide 2-20

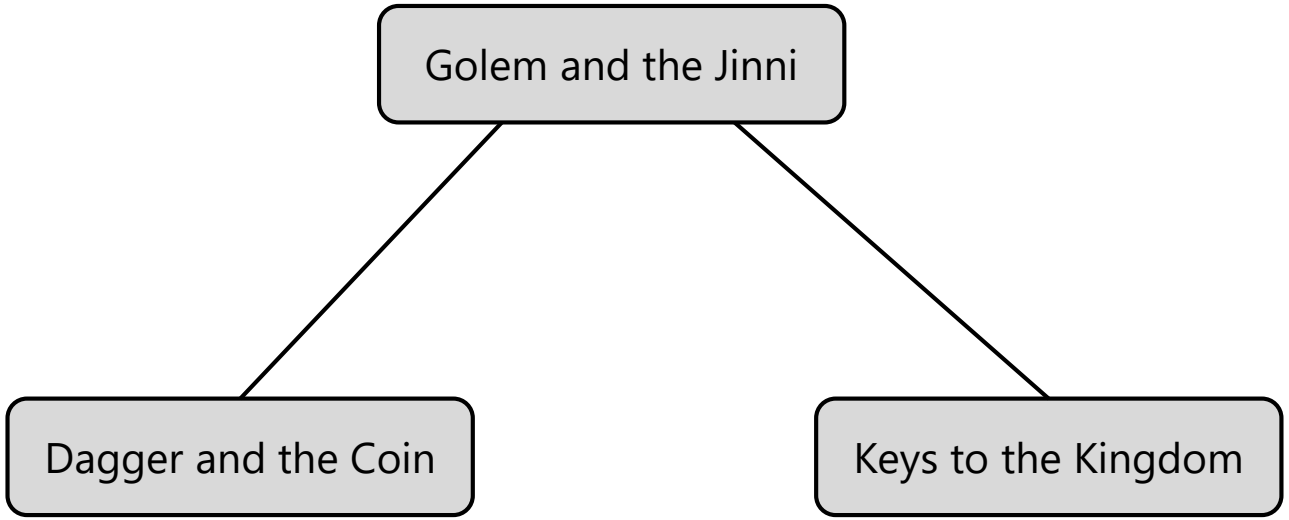
Question 2



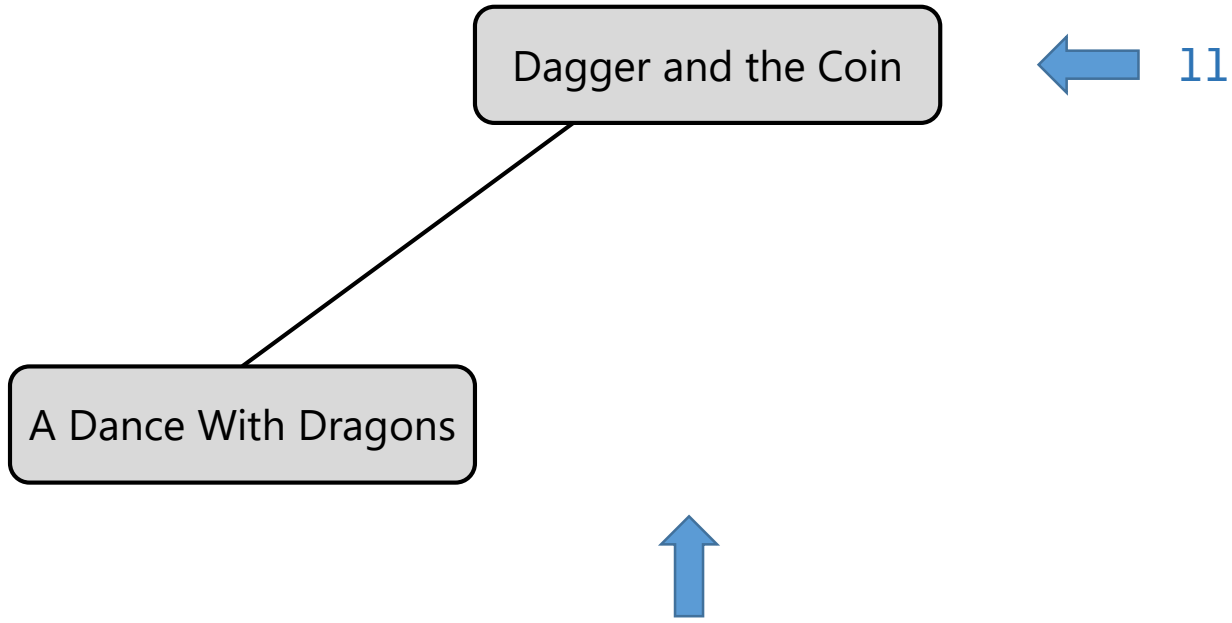

```
BinaryTree ll = new BinaryTree("Dagger and the Coin")
```



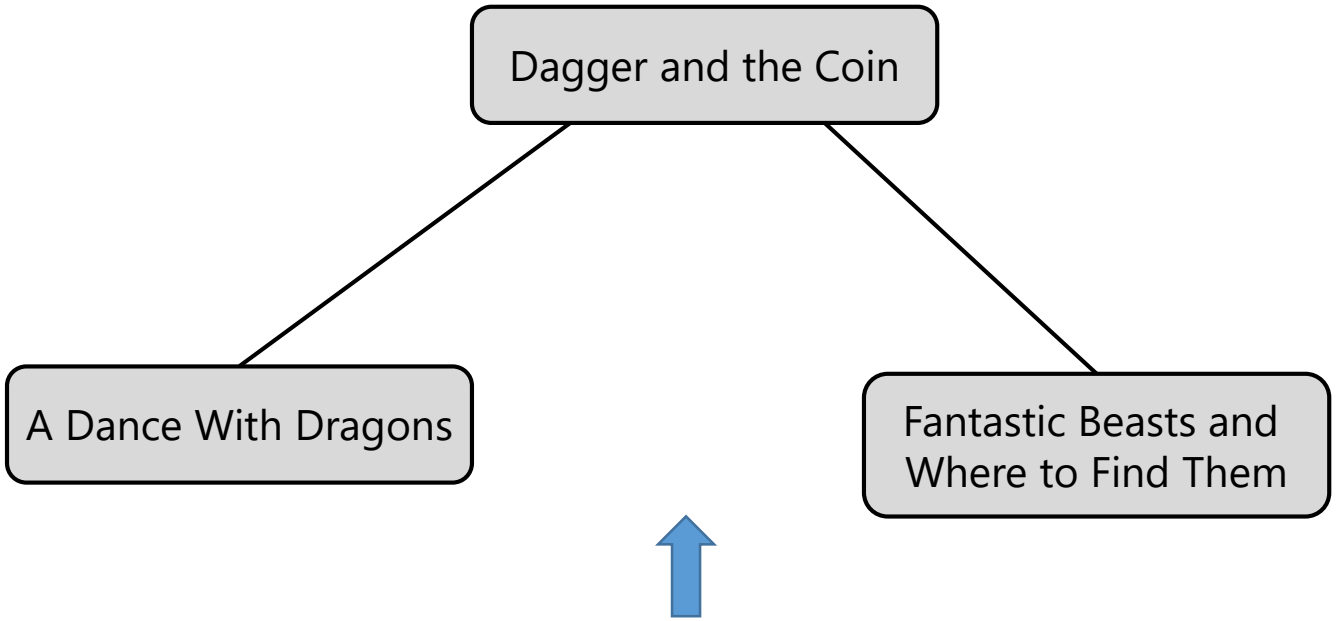

```
BinaryTree lr = new BinaryTree("Keys to the Kingdom")
```



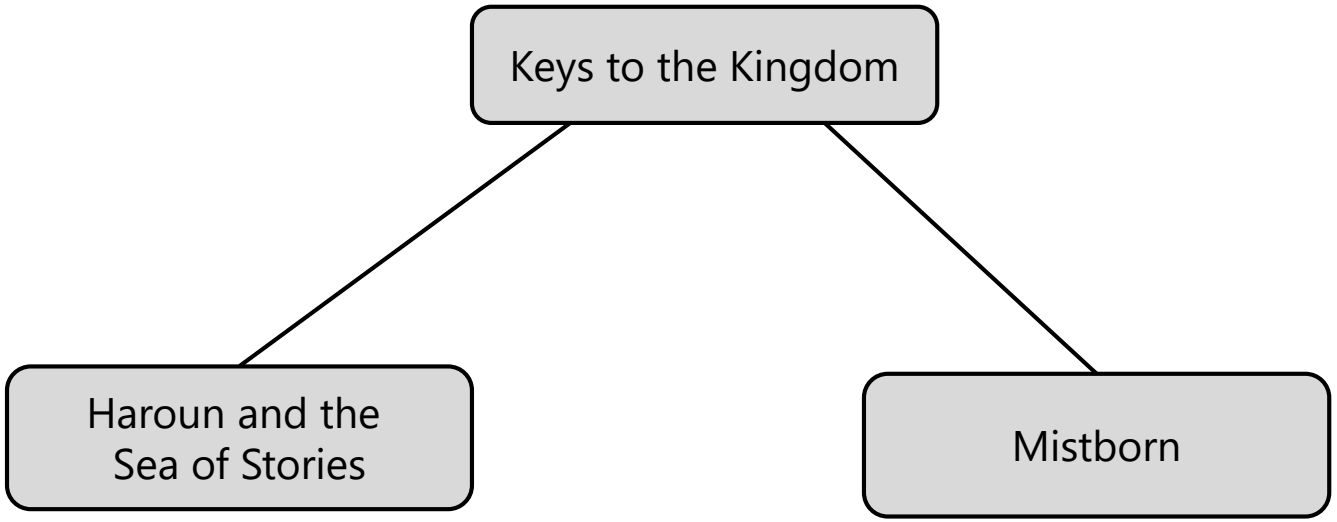

```
BinaryTree l = new BinaryTree("Golem and the Jinni", ll, lr)
```



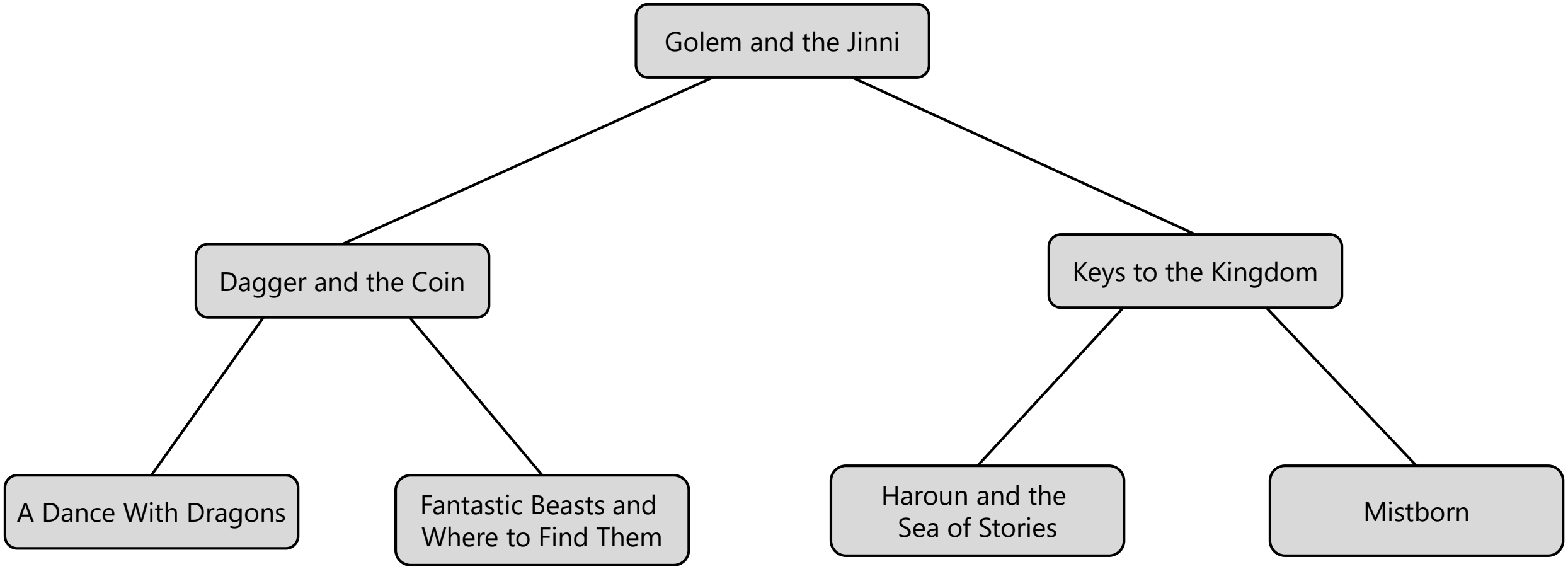

```
ll.attachToLeft("A Dance With Dragons")
```




```
ll.attachToRight("Fantastic Beasts and Where to Find Them")
```




```
BinaryTree lr = new BinaryTree("Keys to the Kingdom");
lr.attachToLeft("Haroun and the Sea of Stories");
lr.attachToRight("Mistborn");
```




```
BinaryTree l = new BinaryTree(“Golem and the Jinni”, ll, lr)
```

Question 2

- Part C: Similar to attachedToLeft()
- Part D: Similar to attachedToRight ()
- Part E: check lecture 7 Tree Part 2 slides 19 – 23 for details
- Part F: check for conditions where
  - a node doesn’t have any child
  - has a left child
  - has a right child
  - has both left and right child