

1. Hand in the final pdf version of your sorting paper from Assignment 9 in a file named `a19written.pdf` electronically with the file name prefixed with your two-digit course ID number.
2. Implement the following methods for a left-leaning red-black tree by completing them in `LLRBTree.hpp`.

```
rotateRight()  
flipColors()  
contains()  
min()
```

The first two methods are necessary for testing your implementation with `unit-insert`. The third method is necessary for testing with `unit-contains`. The last method is necessary for testing with `unit-remove`.

Hand in the file

`LLRBTree.hpp`

electronically with the file name prefixed with your two-digit course ID number.