

PROGRAM 3 Checkpoint

This checkpoint submission is worth 20% of the PROGRAM 3 score. It uses the tests from Page 1 (except insert i) and Page 1b.

Use the main.cpp file provided here: <https://ide.c9.io/krism/cs14> They are now also in a google drive: [23Tree Files](#)

You will need to reverse engineer how to do a preorder and postorder traversal in a 2-3 tree. Given the input:

```
Die Hard, Terminator, Kill Bill Volume 1, Pirates of the Cari  
bbean, The Lord of the Rings, Star Wars, Gladiator, Aliens, M  
atrix
```

The output should be:

```
Preorder: Kill Bill Volume 1, Die Hard, Aliens, Gladiator, Pi  
rates of the Caribbean, Matrix, Terminator, Star Wars, The Lo  
rd of the Rings  
Inorder: Aliens, Die Hard, Gladiator, Kill Bill Volume 1, Mat  
rix, Pirates of the Caribbean, Star Wars, Terminator, The Lor  
d of the Rings  
Postorder: Aliens, Gladiator, Die Hard, Matrix, Star Wars, Pi  
rates of the Caribbean, The Lord of the Rings, Terminator, Ki  
ll Bill Volume 1
```

No Late Submissions Allowed

- **There will be no points awarded for late submission on this one.**
- Be sure to submit well before the deadline, even if you haven't completed all of the tests. You can always submit again later if you complete more before the deadline.