Q5A

Due No Due Date **Points** 10 **Submitting** a file upload **File Types** txt
Available until Mar 31 at 1:45pm

This assignment was locked Mar 31 at 1:45pm.

Implement: sizet, mapt, foldt on binary trees. Use the **following** (https://sit.instructure.com/courses/41984/files/7796352/download?download_frd=1) implementation of REC+Binary Trees to try out your code.

For example, here is an how you might try out your implementation of mapt:

```
# interp "
let t = node(5, node(6, emptytree, emptytree), emptytree)
in letrec mapt ...
in let succ = proc (i) { i+1 }
in ((mapt t) succ)";;
- : exp_val Rec.Ds.result = Ok (TreeVal (Rec.Ds.Node (NumVal 6, Rec.Ds.Node (NumVal 7, Empty, Empty), Empty)))
```

Submit a file called q5.txt containing the solution to each of the three items. It should look like this (where you fill in the ellipsis):

```
letrec sizet ....
in sizet

letrec mapt ....
in mapt

letrec foldt ....
in foldt
```

One submission per group.