

# CSE-210A

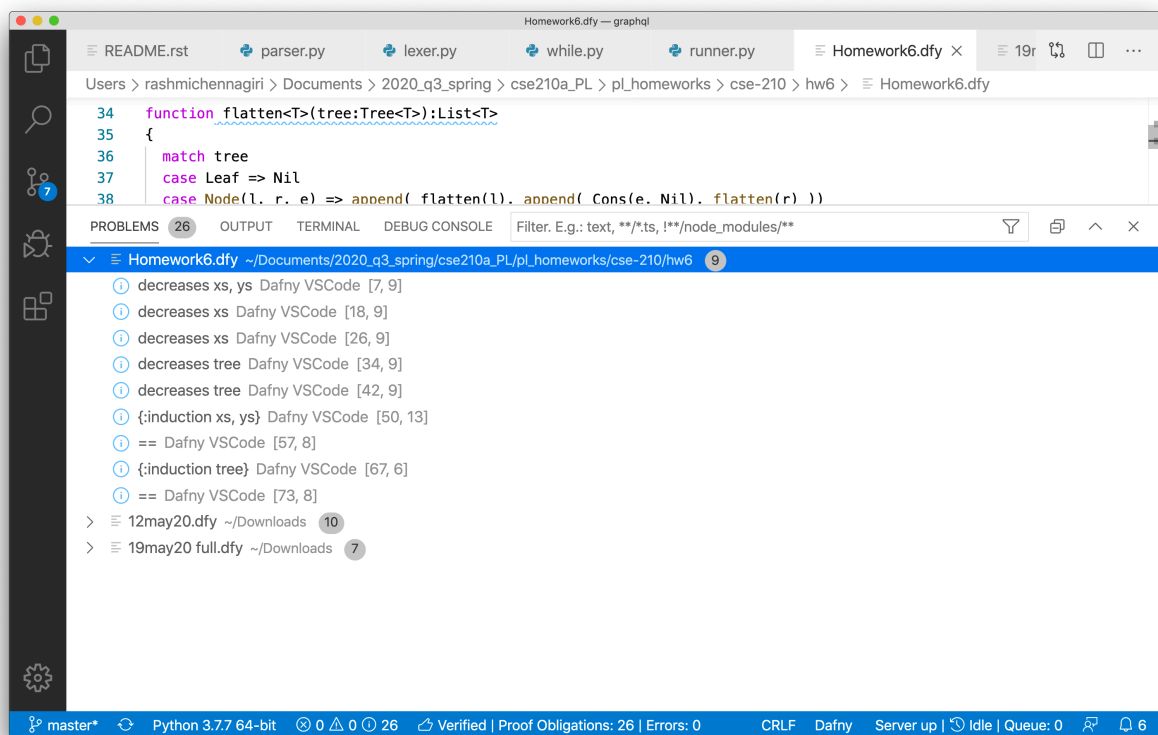
## HOMEWORK 6 REPORT

### Dafny

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#### Execution of Homework6.dfy:

*'Problems' Tab:*



Output Tab 1:

The screenshot shows the VS Code interface with the file `Homework6.dfy` open. The editor contains the following code:

```
34 function flatten<T>(tree:Tree<T>):List<T>
35 {
36   match tree
37   case Leaf => Nil
38   case Node(l, r, e) => append( flatten(l), append( Cons(e, Nil), flatten(r) ))
```

The bottom panel shows the 'PROBLEMS' tab with 26 errors. The 'OUTPUT' tab is selected, showing the 'Dafny Language Server' output. The output text is partially visible at the bottom of the panel:

```
mono /Users/rashmichennagiri/.vscode/extensions/correctnesslab.dafny-vscode-0.17.2/dafny/dafny/Dafny.exe,/compile:1,/nologo,/
```

Output Tab 2:

The screenshot shows the same VS Code interface as Output Tab 1. The 'OUTPUT' tab is selected, showing the 'Dafny Language Server' output. The output text is now visible and shows the full file path:

```
xe,/compile:1,/nologo,/Users/rashmichennagiri/Documents/2020_q3_spring/cse210a_PL/pl_homeworks/cse-210/hw6/Homework6.dfy
```