CptS355 – Programming Language Principles

How to Install HUnit :

We will be using the `HUnit` unit testing package in CptS355. See
http://hackage.haskell.org/package/HUnit for additional documentation.

Before you install HUnit, make sure that you successfully installed Haskell platform on your system and you can load and run the provide sample code successfully.

You may install `HUnit` in 3 different ways:

Option1
Windows (using cabal installer) :
Run the following commands on the terminal.

```
cabal update
cabal v1-install HUnit
```

Mac (using stack installer)
Run the following commands on the terminal.

```
stack install HUnit
```

Option2 (from source) :
1. First install `call-stack` package
   - Download the package from here: http://hackage.haskell.org/package/call-stack .
     Download the `call-stack-0.2.0.tar.gz` file and extract it.
   (To extract .gz and .tar files on Windows you may use 7zip (https://www.7-zip.org/))
   - Then switch to the `call-stack` directory and install `call-stack` using the following commands at the terminal/command prompt:
   ```
   runhaskell Setup configure
   runhaskell Setup build
   runhaskell Setup install
   ```
   - If you get "permission denied" errors:
     − on Windows, run the terminal or command line as administrator.
     − on Mac and Linux, run the command in `'sudo'` mode (or login as root).
2. Next install `HUnit` package:
   - Download the package from here: http://hackage.haskell.org/package/HUnit. Download the `HUnit-1.2.5.2.tar.gz` file and extract it.
   - Then switch to the `HUnit` directory and install `HUnit` using the following commands at the terminal/command prompt:

   ```
   runhaskell Setup configure
   runhaskell Setup build
   runhaskell Setup install
   ```
If you get "permission denied" errors, follow the above guideline.