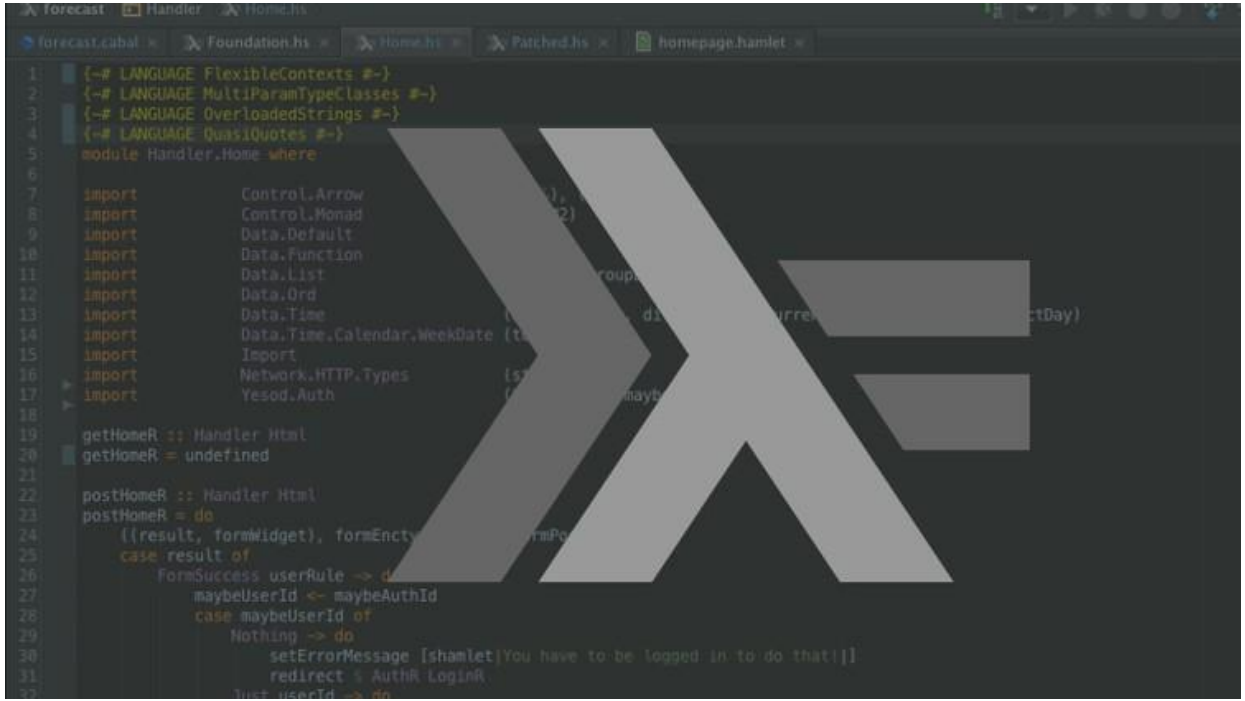
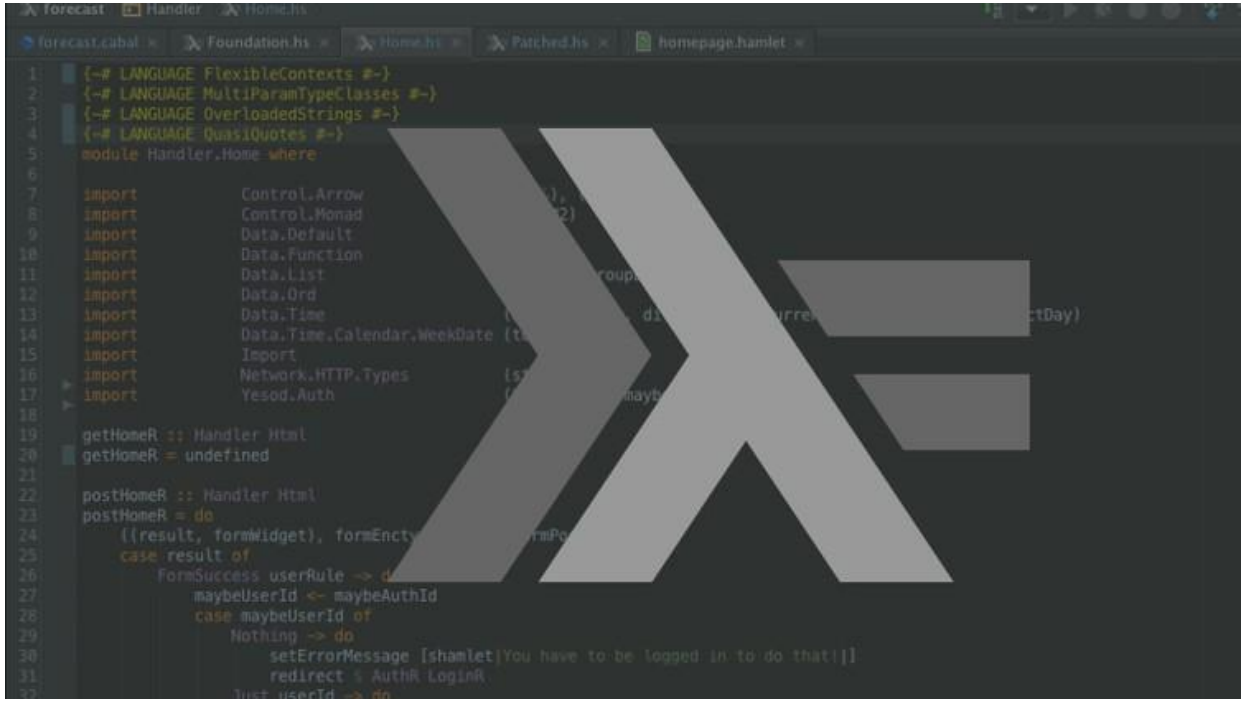
# Final Exams

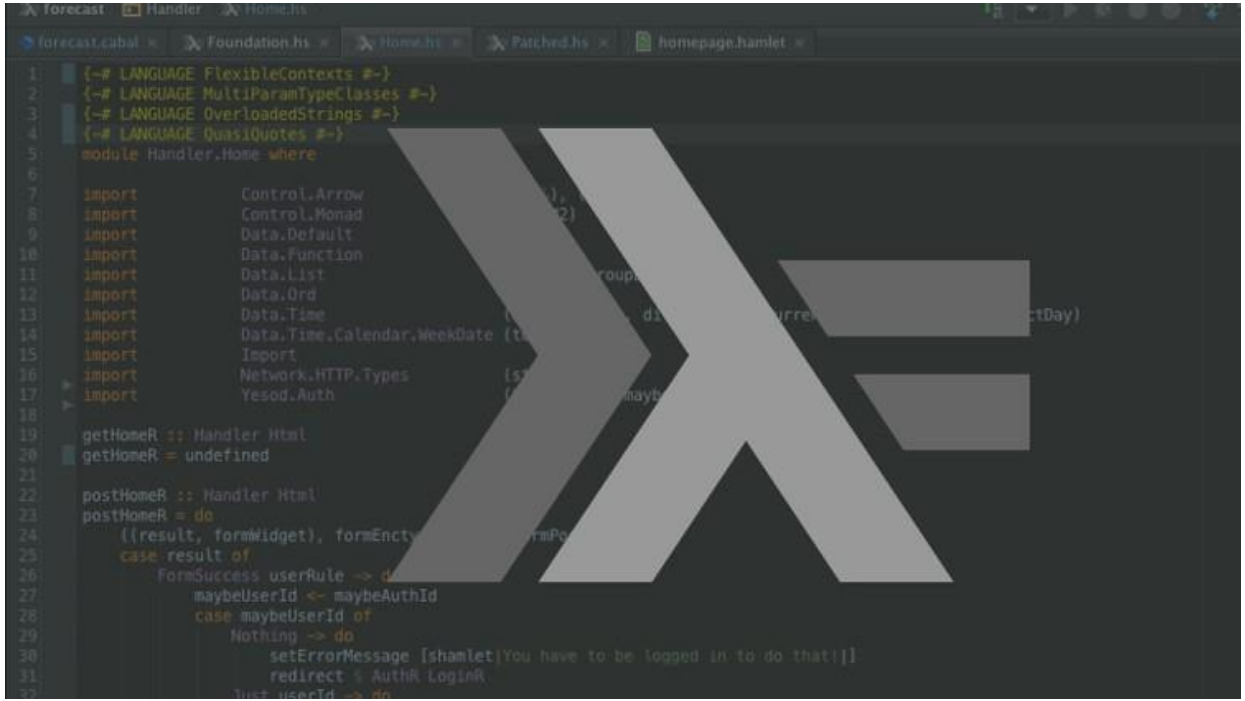

forecast.cabal
Foundation.hs
Home.hs
Patched.hs
homepage.hamlet
{-# LANGUAGE FlexibleContexts #-}
{-# LANGUAGE MultiParamTypeClasses #-}
{-# LANGUAGE OverloadedStrings #-}
{-# LANGUAGE QuasiQuotes #-}
module Handler.Home where
import Control.Arrow
import Control.Monad
import Data.Default
import Data.Function
import Data.List
import Data.Ord
import Data.Time
import Data.Time.Calendar.WeekDate
import Import
import Network.HTTP.Types
import Yesod.Auth
getHomeR :: Handler Html
getHomeR = undefined
postHomeR :: Handler Html
postHomeR = do
((result, formWidget), formEncty
case result of
FormSuccess userRule -> d
maybeUserId <- maybeAuthId
case maybeUserId of
Nothing -> do
setErrorMessage [shamlet|You have to be logged in to do that!|]
redirect $ AuthR LoginR

# Exam 2




Lucas Bazilio - Udemy

# Problem 1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import Import
import Network.HTTP.Types
import Yesod.Auth
getHomeR :: Handler Html
getHomeR = undefined
postHomeR :: Handler Html
postHomeR = do
((result, formWidget), formEncty
case result of
FormSuccess userRule -> d
maybeUserId <- maybeAuthId
case maybeUserId of
Nothing -> do
setErrorMessage [shamlet|You have to be logged in to do that!|]
redirect $ AuthR LoginR

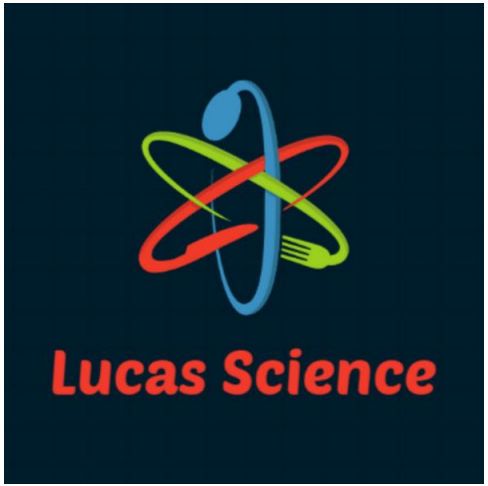
# Problem 1

Write a function `multEq :: Int -> Int -> [Int]` that, given two nonzero positive numbers x and y, outputs the infinitely-increasingly-ordered list containing the numbers formed by multiplying the same amount of x and y.

| Input | Output |
| --- | --- |
| `take 6 $ multEq 2 3` | `-> [1,6,36,216,1296,7776]` |
| `take 5 $ multEq 3 7` | `-> [1,21,441,9261,194481]` |

# iterate

**Input: take 10 (iterate (2*) 1)**

**Output: [1,2,4,8,16,32,64,128,256,512]**

# Instructor Youtube Channel: Lucas Science