

# in-class problem

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eeecs 368 programming language paradigmns

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haskell first steps

## questions

The script below contains three syntax errors:

```
N = a 'div' length xs
  where
    a = 10
    xs = [1, 2, 3, 4, 5]
```

1. What are the three errors?

error: Not in scope: data constructor 'N' **N** is not within scope, use lowercase variable name **n** insted of **N**

error: lexical error **div** must be surrounded around backticks

xs is not indented

2. What is the correct script syntax?

```
a = 10
xs = [1,2,3,4,5]
n = a `div` length xs
main = print n
```