DAY 9

HOEDOWN
TOMORROW!

TREES & HASHES

CAL
FUNCTIONALITY

SORT!
ON SINGLY LINKED LIST

RUBY HOEDOWN

TOMORROW!

Don't forget:

Instead of meeting in class tomorrow, we are all attending the Ruby Hoedown.

DISCRIMINATION IN TECH

A HARD TOPIC

The tech community is composed primarily of poorly socialized young white men.

These men have often not worked with anyone except other poorly socialized young men.

This leads to problems.

Problems that you may have to deal with.

DISCRIMINATION IN TECH

HOW DOES IT HAPPEN?

While you're at the Hoedown and other tech events, if an incident happens that makes you uncomfortable:

The person that made you uncomfortable probably has no idea what they did.

It's not great comfort, but remember that quote about "Don't chalk up to malice what can equally be explained by ignorance".

DISCRIMINATION IN TECH

HOW TO DEAL WITH IT

This is hard. I'm not especially good at it.

What I try:

- Point out the incident as it is occurring, "Hey guys, that's joke isn't funny. It's really offensive."
- Get other members of the community to "talk" to oblivious offenders in private
- Kick ass so hard that people can't judge me based on my gender/etc.
- Better ideas?

DISCRIMINATION IN TECH

HOW TO DEAL WITH IT

The tech community is great and I love what I do.

Don’t let what I’ve said here discourage you.

What I really want you to know is that if someone is an asshole to you because of who you are, that doesn’t say anything about you or your skills.

All it means is that they are ignorant, an asshole, or both.

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LET'S TALK ABOUT CAL

Let's come up with a list of
requirements and test cases

DATE/TIME MATH!

FOR CAL

http://en.wikipedia.org/wiki/Cal_(Unix)
http://en.wikipedia.org/wiki/Gregorian_calendas

For cal, we will print the month or year calendars for any month/year between the years 1800 and 3000.

Let's figure out how cal works and what sort of date/time math we need to know.

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TOMORROW!

TREES & HASHES

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FUNCTIONALITY

SORT!
ON SINGLY LINKED LIST

SORTING LINKED LISTS

Now that we have a Linked List implementation, we're going to go one step further:

Implement sorting for your LinkedList!

1. Start by writing at least 8 tests
2. Then implement sorting

Hint #1: Efficiency isn't important for this exercise
Hint #2: You should implement <=> for LinkedListItem

SORTING LINKED LISTS

The example we did in class:

```
lli = LinkedList.new("b", "c", "a")
lli.to_s
=> "| b, c, a |"
lli.sort!
lli.to_s
=> "| a, b, c |"
lli.get(0)
=> "a"
lli.get(1)
=> "b"
```