

PROGRAMMING LANGUAGE PARADIGMS

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INTRODUCTIONS

- Name
- Hometown
- What you did over break
- Programming languages you know well



YOUR REASONS FOR TAKING THIS CLASS?

- Answer the quiz question
- Share answers with a neighbor or two

SYLLABUS HIGHLIGHTS

- Linked from schedule:
 - <http://www.rose-hulman.edu/class/csse/csse403/Schedule/Schedule.htm>
- Please note:
 - Prereqs · Contact information · Texts · Outcomes ·
Electronic distraction policy · Collaboration

GRADING AND DEADLINE FLEXIBILITY

- Late day policy:
- Two late days
- Can use at most one per assignment
- Can earn early days
- Questions?

Mechanism	Weight
In-class quizzes and exercises	15%
Homework assignments	35%
Team project	35%
Teaching experience	10%
Citizenship	5%

SCHEDULE HIGHLIGHTS

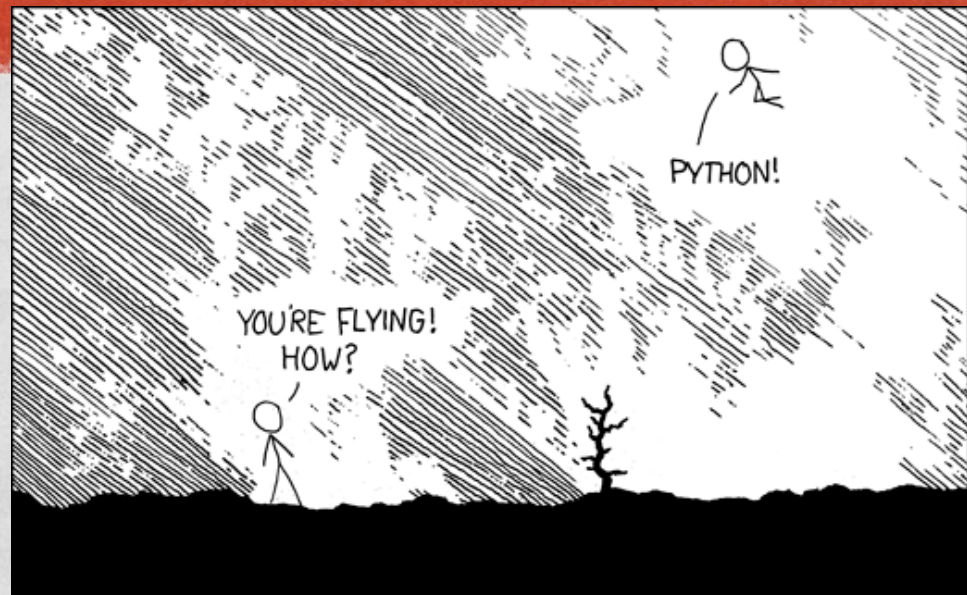
- Preparation reading due before listed class session
- Homework due at beginning of listed class session
 - Generally Thursdays and Mondays
- Project milestones due at midnight of listed day
 - Generally Fridays
 - Will sometimes have “project Fridays”

A SCHEDULE NOTE

- To give students time to add/drop...
- Team preference survey for Milestone I will be posted middle of week I

CARTOON OF THE DAY

I wrote 20 short programs in Python yesterday. It was wonderful. Perl, I'm leaving you.



I LEARNED IT LAST NIGHT! EVERYTHING IS SO SIMPLE!
HELLO WORLD IS JUST
print "Hello, world!"

I DUNNO...
DYNAMIC TYPING?
WHITESPACE?

COME JOIN US!
PROGRAMMING IS FUN AGAIN!
IT'S A WHOLE NEW WORLD UP HERE!




BUT HOW ARE YOU FLYING?

I JUST TYPED
import antigravity

THAT'S IT?

... I ALSO SAMPLED EVERYTHING IN THE MEDICINE CABINET FOR COMPARISON.



BUT I THINK THIS IS THE PYTHON.

PYTHON IS...

- Whitespace sensitive
 - No curly braces!
 - Mixing spaces and tabs will drive you nuts
- Multi-paradigm
 - Imperative and functional and object-oriented

PYTHON INSTALL-FEST

- Install Python and other tools as described in HW 1
 - Python 2.6
 - Eclipse 3.4
 - PyDev
 - Subclipse
- Get help as needed