CSCI 334: Principles of Programming Languages

Lecture 15: Interpretation

Instructor: Dan Barowy Williams Outline

Feedback

Weekly TODOs

Interpreter Evaluation

Project meetings

Happy to talk to you— reach out!

Feedback





Reminder: Four TODOs each week

- Lab assignment
- Quiz

<20 minutes

- Activity
- Feedback
- <20 minutes

5-10 hours

<5 minutes

What is a programming language?













Program Interpreter

Program Interpreter

A program interpreter is a computer program that "interprets" given statements or expressions in a programming language. Unlike a compiler, an interpreter directly interprets code, often in the form of an abstract syntax tree.































Cool, huh?

Every CS major should know this.

{ } is an "environment"

Recap & Next Class

This lecture:

Program Interpretation

Next lecture:

Scope

Growing a Language