

CS603 Programming Language Organization

Lecture 17

Spring 2004

Department of Computer Science

University of Alabama

Overview

- Questions
- μ -Scheme Interpreter
- Reading for next time

μ -Scheme Interpreter

- Like Impcore, `eval` and `topeval`
- Like Impcore, arguments match operational semantics
 - `eval(Exp *e, Env *env) IO6a`
 - `topeval(Toplevel *t, Env *env, int echo) IID`

μ -Scheme Interpreter

Pair Up:

- Write sequence of code chunks for:

```
(define curry (f) (lambda (x) (lambda (y) (f x y))))
```

- Write sequence of code chunks for:

```
(val zero? ((curry =) 0))
```

- Write sequence of code chunks for:

```
(zero? 0)
```


Reading for Next Time

- Sections 3.15