

CSI 32 LECTURE NOTES (Ojakian)

Topic 15: Classes: Memory Issues

OUTLINE

PRIMER: 13.1, 13.2, 13.3

TRANSITION GUIDE: 8.6

1. Destructors
 2. Copy Constructors
 3. Assignment Operator
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1. Destructor

- (a) First do the simple example of destructors - Use Simple class
- (b) Add destructors to our Vector Class

2. Copy Constructor

- (a) First do without copy constructor
- (b) Do with copy constructor (no const)
- (c) Do example of const ref as function parameter
- (d) Return to copy constructor

3. Assignment Operator

Do, and notice similarity to copy constructor