Esc101
Fundamentals of Computing
Spring 2005

Lecture 07
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http://www.iitk.ac.in/esc101/

Announcements

- Lectures on Fri and Mon by Harish Karnick
- Does everyone have a lab/tutorial section?

Summary from Previous Lecture

- Experssions and operators
  - Arithmetic, relational, equality, logical
- Examples: Expr.java
- More examples:
  - Rectangle.java

More Java Operators

- Assignment operator: x = 7, origin.y = origin.x
- Compound operators:
  - x += 6 (same as x = x + 6)
  - Similarly -=, *=, /=, %=, &= etc.
- The new operator: new Counter() (unary)
- Other unary operators: ++, --
- Ternary operator (conditional operator):
  - (2 < 3) ? 6 : 7

Summary and Next Class...

- Today:
  - Rectangle.java
  - More Java operators
- Next 2 classes:
  - The conditional operator (x == 1) ? 5 : 9
  - if-else
  - Loops, switch
  - Scoping example, Rational.java