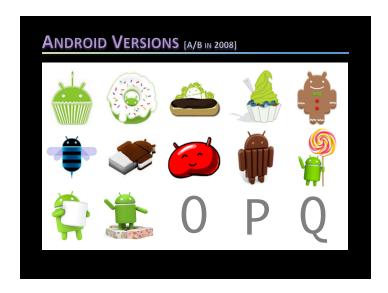


EECS1022/Lesperance 1



XML

- Like a Generalized HTML But 100% strict.
- Well-Formed XML
 Obeys the syntax rules:
 See: http://www.w3schools.com/xml/xml_syntax.asp
- Valid XML

 Must be well-formed <u>and</u> obeys a schema that dictates the names of tags and attributes (namespace) and sets the types of their values.

JAVA

- Adopts the C Syntax Same as JavaScript
- Strongly-Typed Syntax errors exposed as you type. Static checking of potential runtime and logic errors.
- OOP
 Programming by Delegation.
- Platform-Independent Write once, run anywhere.

EECS1022/Lesperance 2

```
JAVA EXAMPLE -A CLASS
public class Rectangle

    Class

                                                 Block
   private int width;

    Attributes

   private int height;

    Constructor

    Method

   public Rectangle(int w, int h)

    Method Return

    Parameter

     this.width = w;

    Variable

     this.height = h;

    Declaration

    Assignment

   public int getArea()
                                               • Identifier

    Keyword

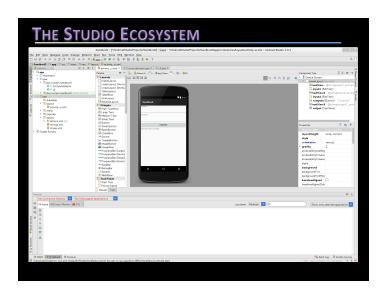
     int result = this.width * this.height;

    Operator

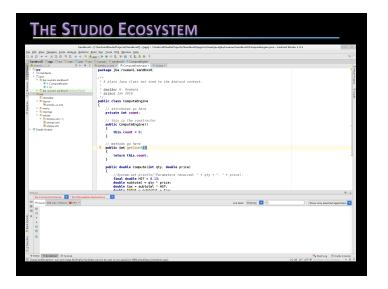
     return result;

    Separator

                                               • Literal
```



ANDROID STUDIO Makes writing code easier (compile-as-you-type); designing UI easier (drag widgets, set properties); running and debugging. Start your Vbox Open a terminal a note the AndroidStudioProjects folder Launch Studio From the Application, Programming menu. Start a New Project Programming by Delegation. Project Location /home/user/AndroidStudioProjects/



EECS1022/Lesperance 3