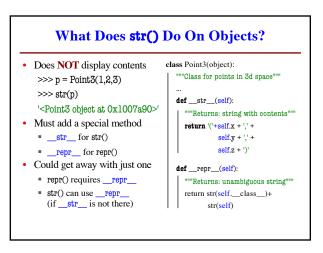
str () Function	repr () Function
Usage: str( <expression>) • Evaluates the expression • Converts it into a string How does it convert? • str(2) <math>\rightarrow</math> '2' • str(True) <math>\rightarrow</math> 'True' • str('True') <math>\rightarrow</math> 'True' • str(Point3()) <math>\rightarrow</math> '(0.0,0.0,0.0)'</expression>	<ul> <li>Usage: repr(<expression>)</expression></li> <li>Evaluates the expression</li> <li>Converts it into a string</li> <li>How does it convert?</li> <li>repr(2) → '2'</li> <li>repr(True) → "True'</li> <li>repr('True') → "True'"</li> <li>repr(Point3C)) →</li></ul>



## Making a Class into a Type 1. Think about what values you want in the set • What are the attributes? What values can they have? 2. Think about what operations you want • This often influences the previous question • To make (1) precise: write a class invariant • Statement we promise to keep true after every method call • To make (2) precise: write method specifications • Statement of what method does/what it expects (preconditions) • Write your code to make these statements true!

