Video Name: NullPointer

Topics:

• Null pointer exceptions

Java Class(es): NullPointerDemo

NullPointerException

• occurs if try to access a method using an object for which no space is allocated (i.e., if a null object is on the left of a dot operator)
• common to allocate memory in ctor OR as part of declaration
• be careful not to “shadow” instance variable by creating a local variable
• OK to pass null as parameter and return null as result (common technique)

Simple example:

```java
Point p = null;
// OK to print
System.out.println(p);
// error if try to use
p.getX();
```