## **Instructions:**

1. Click on File -> Make a copy

**Include your IPO Chart with your code in Eclipse IDE:** We will discuss and demonstrate this in the computer lab.

## **IPO CHART**

Program name:	MetricConversion(Mastery)	
INPUT	PROCESS	OUTPUT
Hint: What will the user input?	Hint: What is the program going to do with the input information?	Hint: What will the screen display after user input?
<ul> <li>Input the number corresponding to the unit conversion you want to do</li> <li>Input the number your converting the units of</li> </ul>	<ul> <li>Take user entered conversion number, and call method corresponding to the chosen conversion</li> <li>Take user inputed number, do the math to convert to the other type of units</li> <li>Display number</li> </ul>	E.g. Convert: 1. Inches to Centimeter, 5. Centimeters to Inches 2. Feet to Centimeter, 6. Centimeters to Feet 3. Yards to meters, 7. Meters to Yards 4. Miles to Kilometers, 8. Kilometers to Miles Enter your choice: 4 Enter the value you want to convert from. 20 The value 20 miles is equal to about 32 kilometers.