

**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**

<b>Program name:</b>	<b>Metric Conversion Application</b>	
<b>INPUT</b>	<b>PROCESS</b>	<b>OUTPUT</b>
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?
User will first be prompted to enter any number  Then the user will be displayed a bunch of different conversion choices. These choices include: inches to centimeters, feet to centimeters, yards to meters, miles to kilometers, and vice versa.  User will then be prompted to choose any number that corresponds to the conversion they would like	The application will then include separate methods for doing each of the conversions. Basic conversions will be: inches * 2.54 = centimeters feet * 30 = centimeters yards * 0.91 = meters miles * 1.6 = kilometers  The application will take the number of choice and will go through the corresponding method	The screen will show the input - "(The number you initially outputted) + (the first unit)" is equal to "(the new conversion number) +(the new unit)"