

### 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>[TYPE PROGRAM NAME HERE]</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 input: User will put in the random number that they chose.	<p>Using a for loop to find a list of numbers from 1 to the user's chosen number.</p> <p>Using if statement and modulo (%) to count how many times User's number can be divided by a list of numbers from 1 to User's chosen number. Every time the User's number is divisibility by any number, COUNT += 1.</p> <p>If statement: If COUNT = 2 <math>\Rightarrow</math> User's number is a prime number. If COUNT &gt; 2 <math>\Rightarrow</math> User's number is not a prime number</p>	Output: Print out the result if the User's chosen number is a prime number or not

