

## 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:	Digits(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 style="list-style-type: none"><li>- User inputs 3 digit number.</li></ul>	<ul style="list-style-type: none"><li>- Define Variable for hundreds place</li><li>- Divide user input by 10, and take that number and divide it by 10 again to get value of hundreds place</li><li>- Define Variable for tens place</li><li>- For tens place value, take user input and divide that number by 10, then take the new value, and take the remainder using the modulus operator. This new value will be the tens place value.</li><li>- Define variable for ones place</li></ul>	<div>Please enter a 3 digit number: 560 The number you have entered is 560. The hundreds place digit is: 5. The hundreds place digit is: 6. The ones place digit is: 0.</div>

	<ul style="list-style-type: none"><li>- Take user input, and divide the user input number by 10, and the remainder's value is the value of the ones place!</li><li>- Print out the value of the hundreds, tens, and ones place along with a message (e.g. "The tens place value is 5.")</li></ul>	
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