

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:	[TYPE PROGRAM NAME HERE]	
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?
nothing	<ul style="list-style-type: none">• The program uses nested loops to test all combinations of a and b less than 100.• It calculates $a^2 + b^2$.• It calls the PerfectSquare() method to check if that sum is a perfect square.• If it is, then $c = \sqrt{a^2 + b^2}$ is an integer, forming a valid Pythagorean triple.• It displays each valid triple on a new line.	Pythagorean Triples (A and B less than 100): ----- A = 3, B = 4, C = 5 A = 5, B = 12, C = 13 A = 6, B = 8, C = 10 A = 7, B = 24, C = 25 A = 8, B = 15, C = 17 ...