## **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?   |
| User is prompted to enter the desired amount of nickels, pennies, dimes, and quarters.(integer) | The method getDollarAmount is called with the input values (pennies, nickels, dimes, and quarters).  Inside getDollarAmount, the total value is calculated by multiplying the number of each coin by its value (pennies × 0.01, nickels × 0.05, dimes × 0.10, quarters × 0.25) and summing them.  The result is formatted as a string with a dollar sign and 2 decimal places. | A formatted string displaying the total dollar amount (e.g., \$1.75). The formatted string is displayed to the user as output. |