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: | PrimeNumber | |
|---|---|---|
| **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 input: User will enter the random integer number | Program will take the number and put it into the for loop to create a list of numbers from 1 to that number. And inside the loop, the if statement will check that the user's input number divided by numbers from the list have a remainder of 0 and count how many times that happens. The times operation with a remainder of 0 will be stored inside the "count" variable.<br><br>After the loop, the "count" will be put inside the isPrime() method and check if the number is a prime number or not - isPrime() method is created with a integer "count" parameter to return the result if the number is prime or not and Boolean value. | Output: The program will print out the result for user to know that is the number is a prime number or not |

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