

## SECTION 1: IPO CHART

<b>Program name:</b>	<b>PrimeNumbersPartB</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?
<ul style="list-style-type: none"> <li>- User inputs integer value</li> </ul>	<ul style="list-style-type: none"> <li>- Method returns a boolean value by checking if the modulo of the number % count is 0</li> <li>- Declares count as 2</li> <li>- Loops while count is &lt;= two less than the number and method doesn't return true Increments count by one</li> <li>- If method returns true or the number is one prints non-prime</li> <li>- Else prints prime</li> </ul>	<ul style="list-style-type: none"> <li>- Prompts user for number "Enter an integer value: "</li> <li>- Prints non-prime statement "Isn't prime" Prints prime statement "Is prime"</li> </ul>