

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:	Sleep	
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">• User's birthdate (day, month, year)• Today's date (day, month, year)	<ul style="list-style-type: none">• Convert both dates into number of days (30 days a month, 365 days a year)• Calculate difference between today's date and birthdate in days• Store results as 'alive'• Multiply days lived by 8 hours to get 'sleep'	<ul style="list-style-type: none">• Display total number of days lived• Display estimated total number of hours slept