

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:	Cost of Labour	
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 inputs diameter for pizza in inches	Takes in input, squares it multiplies by 0.05 and add 1.75	Output the cost of the pizza with a dollar sign at the front

IPO CHART

Program name:	Energy	
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 enters mass of object	Rounds value very precisely incase of decimal. Uses einsteins energy formula by first defining c for simplicity. Divides by 360k for lightbulbs	Output energy created in watts and number of light bulbs powered

IPO CHART

Program name:	Object Height	
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 enters time under 4.5

Uses double for time in decimals too. Determines height considering parabolic structure. $4.9t$ (time) squared + 100.

Outputs height in meters