

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:	RANDOM_WALK	
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?
nothing	<ul style="list-style-type: none">• Starts the person in the center of a 7-meter bridge• Uses a random number (0 or 1) to decide whether each step goes forward or backward• Counts how many steps the person takes before falling off the bridge• Repeats this process for 50 trials• For each trial:<ul style="list-style-type: none">◦ Keeps track of the total number of steps taken◦ Checks if it's the greatest number of steps so far	Average steps before falling off: 16.00 Greatest number of steps: 84 ...

	<ul style="list-style-type: none">• After all 50 trials:<ul style="list-style-type: none">○ Calculates the average number of steps before falling off	
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