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**Assignment1 Required:**

1. Your conclusion about the relationship between d and n.
2. Your evidence to support that relationship (screen shot and/or graph and/or spreadsheet).
3. Your code (RandomWalk.java plus anything else that you changed or created).
4. A screen shot of the unit tests all passing.
5. **Conclusion**

n: the number of steps.

d: the distance from the origin (the lamppost where the drunkard starts) to his current position

1. **Evidence**

**2.1 Experiment output**

**电脑萤幕的截图

描述已自动生成**

**Picture 1 The output of experiment running**

* 1. **Graphical Evidence**

图表, 散点图

描述已自动生成

**Picture 2 Scatter plot of n and d**

**图表, 散点图

描述已自动生成**

**Picture 3 Scatter plot of n and d^2**

* 1. **JAVA Code**

Only the code that needs to be fixed is included

**文本

描述已自动生成**

**Picture 4 Code Part1**

**文本

描述已自动生成**

**Picture 4 Code Part2**

* 1. **UNIT TESTS**

**图形用户界面, 文本, 应用程序

描述已自动生成**

**Picture 5 A Screen Shot of The Unit Tests All Passing**