

Lab 08

Heads or Tails?

Objective:

Write a program that gives the statistics of a coin flipped some number of times! The user puts in the number of times the coin is flipped. Then use a random number generator that picks only the number 0 (which represents heads) and 1 (which represents tails) and keep tally on each of those. Give the overall winner at the end or if they tied.

Example Dialog:

Welcome to the hails or tails simulator!

Enter a number of flips!

100

Heads!

Heads!

Heads!

Heads!

Heads!

Tails!

Heads!

Heads!

Heads!

Tails!

Tails!

Tails!

Tails!

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Tails!
Heads!
The number of heads was 46
The number of tails was 54
Tails wins!

Lab Report Questions:

1. Write a flow chart for the solution
2. What is the difference between a “while” and a “do-while” loop?

Finally:

Upload the .java file to the dropbox