

Thomas Crow

11/14/2021

CS120

Assignment 12 Question 2

Output

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tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #12
tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #12 python3.9 Thomas_Crow_Assignment12-2.py
Suppose you are standing on a very long sidewalk that extends both in front
of and behind you. You flip a coin. If it comes up heads, you take a step
forward; tails means to take a step backward.
Suppose you take a walk of n steps. On average, how many steps away from the
starting point will you end up.

Please enter the value n: 15
Heads: One step forward.
Heads: One step forward.
Heads: One step forward.
Tails: One step backwards.
Tails: One step backwards.
Heads: One step forward.
Tails: One step backwards.
Tails: One step backwards.
Heads: One step forward.
Tails: One step backwards.
Tails: One step backwards.
Tails: One step backwards.
Tails: One step backwards.
Tails: One step backwards.
Tails: One step backwards.
After 15 steps, you were 5 steps behind of the starting point.
tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #12 python3.9 Thomas_Crow_Assignment12-2.py

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Suppose you are standing on a very long sidewalk that extends both in front
of and behind you. You flip a coin. If it comes up heads, you take a step
forward; tails means to take a step backward.
Suppose you take a walk of n steps. On average, how many steps away from the
starting point will you end up.

Please enter the value n: 10
Tails: One step backwards.
Heads: One step forward.
Heads: One step forward.
Tails: One step backwards.
Tails: One step backwards.
Heads: One step forward.
Heads: One step forward.
Heads: One step forward.
Tails: One step backwards.
Tails: One step backwards.
After 10 steps, you were on the starting point.
tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #12 python3.9 Thomas_Crow_Assignment12-2.py

tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #12 python3.9 Thomas_Crow_Assignment12-2.py
Suppose you are standing on a very long sidewalk that extends both in front
of and behind you. You flip a coin. If it comes up heads, you take a step
forward; tails means to take a step backward.
Suppose you take a walk of n steps. On average, how many steps away from the
starting point will you end up.

Please enter the value n: 12
Heads: One step forward.
Heads: One step forward.
Tails: One step backwards.
Heads: One step forward.
Heads: One step forward.
Heads: One step forward.
Tails: One step backwards.
Tails: One step backwards.
Tails: One step backwards.
Tails: One step backwards.
Heads: One step forward.
Heads: One step forward.
After 12 steps, you were 2 steps forward of the starting point.
tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #12 python3.9 Thomas_Crow_Assignment12-2.py
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