

LabVIEW Project #4

Write a VI where the user is required to input a number between 1 and some randomly generated number between 10 and 1000. The program will then attempt to guess the user's number by first guessing a number halfway between the 1 and the maximum, determining if the guess is higher or lower than the actual number, then guessing the closest integer in the middle of the remaining possible values. It should display the number of iterations required to guess the value.

Example:

Number to Match: **55** (between 0 and 100)

ITERATION	RANGE	GUESS	RESULT
1	0-100	50	too low
2	50-100	75	too high
3	50-75	63	too high
4	50-63	57	too high
5	50-57	54	too low
6	54-57	56	too high
7	54-56	55	guessed number