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IT-145-X1576

September 2nd, 2023

Pseudocode

Print ‘Welcome to The Guessing Game! :)’

Input a lower bound number

Input an upper bound number

If upper bound number is less than the lower bound number

Print ‘Upper bound number must be greater than lower bound number’

Set random number between lower and upper bounds

Input a guess between lower and upper bound

If input guess is less than lower bound or if input is greater than upper bound

Print ‘Guess is out of range. Guess must be in between lower and upper bounds’

While guess is not set number

If guess is less than set number and higher than lower bound

Print ‘Guess higher!’

Input another guess

Elif guess is greater than set number and lower than upper bound

Print ‘Guess lower!’

Input another guess

Elif guess is less than or greater that lower and upper bounds

Print ‘Guess is out of range. Guess must be in between lower and upper bounds’

Input another guess

If guess equals set number

Print ‘Congrats!!! You guessed right!’