Computer chooses random number between lowGuessRange-highGuessRange

No

Yes

Is numberOfGuesses = 0

numberOfGuesses starts at 20

Player guess a number between lowGuessRange-highGuessRange

No

Subtract 1 from numberOfGuesses

Print (“Guess is out of range”)

Yes

Is playerGuess < lowGuessRange or playerGuess > highGuessRange?

Is playerGuess > theComputerNumber?

Subtract 1 from numberOfGuesses

lowGuessRange changes to the number you guessed

Print (“Your guess is too low!”)

Yes

Yes

highGuessRange changes to the number you guessed

Print (“Your guess is too high!”)

Subtract 1 from numberOfGuesses

Is playerGuess < theComputerNumber?

No

Is playerGuess = theComputerNumber?

Print (“You won! You guessed the number.”)

No

Yes