BEGIN

Game = TRUE

While Game == True:

Number = random number between1-20

Instance = TRUE

WHILE Instance == true:

Guess=INPUT enter a number between 1-20

IF input == Number:

OUTPUT you have guessed the number!

INPUT would you like to play again? Yes/no

IF yes:

Instance = FALSE

ELSE IF no

Game = FALSE

ELSE IF Guess < Number:

OUTPUT too low try again

ELSE IF Guess > Number:

OUTPUT too high try again