Show CodeLens Reformat Save & Run Download 7/11/2024, 7:24:59 PM - 3 of 3 Pair? 1 //Code by Akshat Garg 2 public class Magic8Ball 3 { 4 public static void main(String[] args) 5 // Get a random number from 1 to 8 6 int choice = (int)(Math.random()*8)+1; 8 // Use if statements to test the random number // and print out 1 of 8 random responses 10 if (choice == 1){ 11 System.out.print("Of course!"); 12 13 if (choice == 2){ System.out.print("Oh definitely no!"); 14 15 if (choice == 3){ 16 17 System.out.print("No..."); 18 if (choice == 4){ 19 20 System.out.print("Yeah maybe"); 21 22 if (choice == 5){ 23 System.out.print("For sure"); 24 if (choice == 6){ 25 26 System.out.print("If you try hard enough, maybe"); 27 if (choice == 7){ 28 29 System.out.print("Nope"); 30 } 31 else { 32 System.out.print("Yes"); 33 34 35 36 } 37 38

Of course!Yes

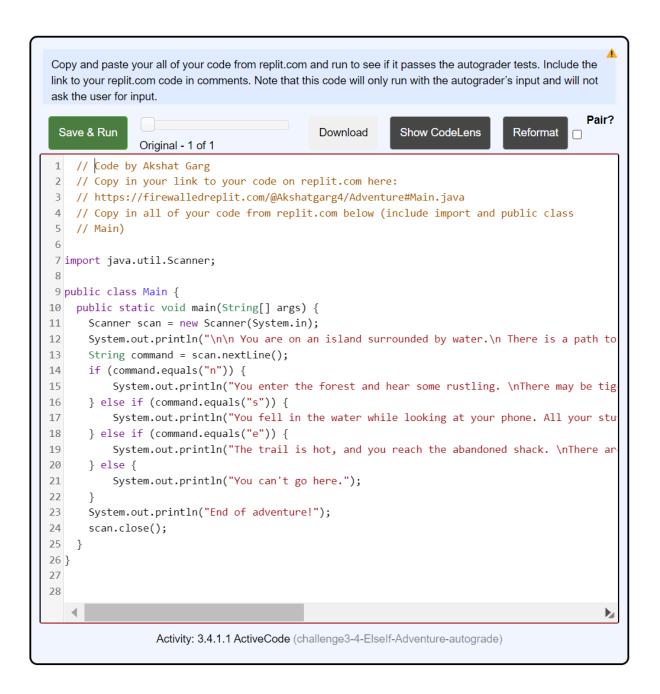
Result	Expected	Actual	Notes
Pass	Output length > 0	Output length of 13	Prints a statement
Pass	8	8	Unique responses
Pass	7 or more	7	Code has at least 7 if statements

You got 3 out of 3 correct. 100.00%

Activity: 3.2.3.1 ActiveCode (challenge3-2-if-Magic8ball)

Copy and paste your code from your replit.com and run to see if it passes the autograder tests. Include the link to your replit.com code in comments. Note that this code will only run with the autograder's input and will not ask the user for input. Pair? **Show CodeLens** Save & Run Download Reformat Original - 1 of 1 1 //Code by Akshat Garg 2 // Copy in your link to your code on replit.com here: 3 //https://firewalledreplit.com/@Akshatgarg4/AnimalGuesser 4 // Copy in all of your code from replit.com below (include import and public class 5 // Main) 6 import java.util.Scanner; 7 public class Main { public static void main(String[] args) 9 10 System.out.println("\n\nLet's play 20 questions. Choose an animal and I will tr 11 Scanner scan = new Scanner(System.in); 12 System.out.println("Is it a mammal (y/n)?"); 13 14 String answer = scan.nextLine(); 15 if (answer.equals("y")) { 16 System.out.println("Is it a pet (y/n)?"); 17 answer = scan.nextLine(); 18 if (answer.equals("y")) { System.out.println("Does it bark (y/n)?"); 19 20 answer = scan.nextLine(); 21 if (answer.equals("y")) { System.out.println("I guess a dog! Click on run to play again."); 22 23 } else { System.out.println("I guess a cat! Click on run to play again."); 24 25 } else { 26 27 System.out.println("I guess an elephant! Click on run to play again."); 28 29 } else { // not a mammal System.out.println("Does it have a shell (y/n)?"); 30 31 answer = scan.nextLine(); 32 if (answer.equals("y")) { System.out.println("I guess a turtle! Click on run to play again."); 33 34 System.out.println("I guess a bird! Click on run to play again."); 35 36 37 38 39 } 40 41

Activity: 3.3.2.1 ActiveCode (challenge3-3-IfElse-20Questions-autograde)



Fun activity, nice way to be creative. Adventure game could be a great plot.