Joel Atkinson

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Assignment 9.2 Program #2

CSD402 Java for Programmers

Code:

//Joel Atkinson September 17,2025 CSD402 Java for Programmers Assignment 9.2  
/\*The purpose of this assignment is to create a program that create a file, check if it exists, if it doesn't make a new  
file that adds 10 random numbers or appends 10 random numbers to previous file \*/  
  
import java.io.FileWriter;  
import java.io.BufferedReader;  
import java.io.FileReader;  
import java.util.Random;  
import java.io.IOException;  
  
public class RandomFileDemo {  
 public static void main(String[] args) {  
 Random random = new Random();  
  
 try (FileWriter writer = new FileWriter("data.file", true)) {  
 for (int i = 0; i < 10; i++) {  
 int num = random.nextInt(101);  
 writer.write(num + (i < 9 ? " " : ""));  
 }  
 writer.write("\n");  
 } catch (IOException e) {  
 System.*out*.println("Error writing to file: " + e.getMessage());  
 }  
  
 try (BufferedReader reader = new BufferedReader(new FileReader("data.file"))) {  
 String line;  
 System.*out*.println("Contents of data.file");  
 while ((line = reader.readLine()) != null) {  
 System.*out*.println(line);  
 }  
 } catch (IOException e) {  
 System.*out*.println("Error reading file: " + e.getMessage());  
  
 }  
  
 }  
}

A screenshot of a computer

AI-generated content may be incorrect.Screenshot of created file in my repo:

Screenshot of open file with contents:

A screenshot of a computer

AI-generated content may be incorrect.

Screenshot of program running and the output of the file contents with no errors:

A screenshot of a computer program

AI-generated content may be incorrect.