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package phase1.practiceProjects;
import java.io.*;;
public class FileManipulation
{
    public static void readFile(String filename)
    {
        try (BufferedReader reader = new BufferedReader(new
        FileReader(filename)))
        {
            String line;
            while ((line = reader.readLine()) != null)
            {
                System.out.println(line);
            }
        }
        catch (IOException e)
        {
            System.out.println("Error reading file: " + e.getMessage());
        }
    }

    public static void writeFile(String filename, String content)
    {
        try (BufferedWriter writer = new BufferedWriter(new
        FileWriter(filename)))
        {
            writer.write(content);
            System.out.println("\nContent written to file successfully.");
        }
        catch (IOException e)
        {
            System.out.println("Error writing to file: " +
            e.getMessage());
        }
    }

    public static void appendToFile(String filename, String content)
    {
        try (BufferedWriter writer = new BufferedWriter(new
        FileWriter(filename, true)))
        {
            writer.newLine();
            writer.write(content);
            System.out.println("\nContent appended to file
            successfully.");
        }
    }
}
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    }  
    catch (IOException e)  
    {  
        System.out.println("Error appending to file: " +  
e.getMessage());  
    }  
}  
  
public static void main(String[] args)  
{  
    String filename = "TestFile.txt";  
    writeFile(filename, "This is the content we are writing to  
this file.");  
  
    System.out.println("\nPrinting the Content written to file:");  
    readFile(filename);  
  
    appendToFile(filename, "This is the string appended to the  
file.");  
  
    System.out.println("\nContents of file after appending:");  
    readFile(filename);  
}  
}
```