

```
import java.io.FileWriter;
import java.io.IOException;
import java.util.Random;

public class App {

    public static void main(String[] args) {

        Random rand = new Random();

        String[] rank = { "assistant", "associate", "full" };

        try {

            FileWriter salaryTxt = new FileWriter("Salary.txt");

            for (int i = 0; i < 1000; i++) {

                double[] salaryRank = { 50000 + (Math.random() * 30000),

                    60000 + (Math.random() * 50000),

                    75000 + (Math.random() * 55000) };

                int randRank = rand.nextInt(3);

                String dataWrite = String.format("Firstname%d Lastname%d %s %.2f \n", i+1, i+1, rank[randRank],

                    salaryRank[randRank]);

                salaryTxt.write(dataWrite);

            }

            salaryTxt.close();

            System.out.println("Successfully wrote to the file.");

        } catch (IOException e) {

            System.out.println("An error occurred.");

            e.printStackTrace();

        }

    }

}
```