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```
package labs.lab9.pro3;

import java.io.File;
import java.io.FileNotFoundException;
import java.util.HashMap;
import java.util.Map;
import java.util.Scanner;

public class Lab9_Pro3_64010009 {
    public static void main(String[] args) {
        Map<String, Double> salaries = new HashMap<>();
        salaries.put("assistant", 0.0);
        salaries.put("associate", 0.0);
        salaries.put("full", 0.0);

        try {
            File file = new File("Salary.txt");
            Scanner scanner = new Scanner(file);
            while (scanner.hasNextLine()) {
                String dataPerLine = scanner.nextLine();
                String[] data = dataPerLine.split(" ");
                if (salaries.containsKey(data[2]))
                    salaries.put(data[2], salaries.get(data[2]) + Double.parseDouble(data[3]));
            }

            double salariesAll = salaries.get("assistant") + salaries.get("associate") + salaries.get("full");
            System.out.printf("Total salary for assistant professor is %,.2f\n", salaries.get("assistant"));
            System.out.printf("Total salary for associate professor is %,.2f\n", salaries.get("associate"));
            System.out.printf("Total salary for full professor is %,.2f\n", salaries.get("full"));
            System.out.printf("Total salary for all professor is %,.2f\n", salariesAll);
            System.out.println("-----");

            System.out.printf("Average salary for assistant professor is %,.2f\n", (salaries.get("assistant") / 1000));
            System.out.printf("Average salary for associate professor is %,.2f\n", (salaries.get("associate") / 1000));
            System.out.printf("Average salary for full professor is %,.2f\n", (salaries.get("full") / 1000));
            System.out.printf("Average salary for all professor is %,.2f\n", (salariesAll / 1000));

        } catch (FileNotFoundException e) {
            System.out.println("File not found (" + e.getMessage() + ")");
        }
    }
}
```