

Credit Name: CSE3010 - Computer Science 3						
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Assignment Name: Roster.java						
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How has your program changed from planning to coding to now? Please explain?		
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both versions asked for the file name, the number of students and the first and last names of the students.						
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The main difference between the first version and the final version is that the first version used `writeFile` instead of `writeObject` to write and add a list of each students first and last name to the the file named by the user.

Image of First version Below:

```
package Mastery;

import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.text.NumberFormat;
import java.util.Scanner;

public class Roster2
{
    public static void giveStuName(StuName emp)
    {
        System.out.println(emp);
    }

    public static void main(String[] args)
    {
        File dataFile;
        FileReader in;
        FileWriter out;

        BufferedReader readFile;
        BufferedWriter writeFile;

        File textFile;
        Scanner input = new Scanner(System.in);
        String fileName;
        String response;
        String stuName;
        int numStu;

        //create the file
        textFile = new
File("C:\\Users\\26031001\\git\\CS30Fall2023\\Chapter11\\src\\Mastery\\Stu
udentNames.txt");

        /*fileName = textFile;*/

        //Obtain file name and the number of students from the
user/Write data to file
    }
}
```



```

import java.util.Scanner;

public class Roster
{

    public static void main(String[] args)
    {

        File textFile;
        Scanner input = new Scanner(System.in);
        String fileName;
        int numStu;

        //create the file
        textFile = new
File("C:\\Users\\26031001\\git\\CS30Fall2023\\Chapter11\\src\\Mastery\\St
udentNames.txt");

        /*fileName = textFile;*/

        //Obtain file name and the number of students from the
user/Write data to file
        System.out.println("Enter the file name for storing the
students names: ");
        fileName = input.nextLine();

        System.out.println("How many students? ");
        numStu = input.nextInt();

        /*System.out.println("Enter the students name: ");
        System.out.println("First name: ");
        String firstName = input.next();
        System.out.println("Last name: ");
        String lastName = input.next();

        stuName = firstName + " " + lastName;

        writeFile.write(firstName);
        writeFile.newLine();
        writeFile.write(lastName);
        writeFile.newLine();

        writeFile.close();
        out.close();
        System.out.println("Data written to file! ");*/

        try
        {
            /* write objects*/

            FileOutputStream out = new
FileOutputStream(textFile);
            ObjectOutputStream writeStu = new

```


