**Lab 14 Pre-Lab**

**The following exercises must be completed before you come to lab. Your instructor will check your pre-lab exercises at the beginning of the lab period. Completion of the pre-lab is worth 10 points of the total 50 points for the lab.**

***Answer each of the following questions:***

1. Write the code segment that does the following: opens a file named MyName.txt, writes your first name to the file, and then closes the file.

PrintWriter outputFile = null;

try

{

outputFile = new PrintWriter("MyName.txt");

}

catch (FileNotFoundException e)

{

System.*out*.println("Error writing data to the file");

System.*exit*(1);

}

outputFile.println("Minu Rachel Sabu");

outputFile.close();

2. Write the code segment that does the following: opens a file named MyName.txt, reads the first line from the file and displays it, and then closes the file.

File inputFile = new File ("MyName.txt");

Scanner fileReader = null;

try

{

fileReader = new Scanner(inputFile);

}

catch (FileNotFoundException e)

{

System.out.println("Error reading/opening MyName.txt file");

System.exit(2);

}

String name = fileReader.nextLine();

System.out.println(name);

fileReader.close();

3. Assume that the MyName.txt file is currently closed. Write the code segment that opens the file without erasing it, write another name to the file so that it is appended to the end of the file’s existing data, and close the file.

FileWriter fileWriter = null;

PrintWriter printWriter = null;

try

{

fileWriter = new FileWriter("MyName.txt", true);

printWriter = new PrintWriter(fileWriter);

}

catch (IOException e)

{

System.out.println("Error opening the file");

System.exit(3);

}

printWriter.println("Kevin Abraham");

printWriter.close();