Assignment 4

"Write a program which accepts the values from console ,use method overloading and overriding concept to display the results by calculating largest values from the variables

```java
import java.util.Scanner;

public class A4 {

    public static int getLarge(int a, int b) {
        if(a > b) {
            return a;
        }
        else {
            return b;
        }
    }
    public static int getLarge(int a, int b, int c) {
        if(a > b && a > c) {
            return a;
        }
        else if(b > a && b > c){
            return b;
        }
        else {
            return c;
        }
    }

    public static void main(String[] args){

        Scanner input = new Scanner(System.in);
        System.out.println("Enter the 2 number to find great  : ");
        int a, b, c;
        a = input.nextInt();
        b = input.nextInt();
        System.out.println(getLarge(a,b) + " is greater");
        System.out.println("Enter the 3 number to find great : ");
        a = input.nextInt();
        b = input.nextInt();
        c = input.nextInt();
        System.out.println(getLarge(a,b, c) + " is greater");
        input.close();

    }

}
```

Write a simple java program that reads and writes the inputs from the file."

```java
import java.util.Scanner;
import java.io.*;

public class A4b {

    public static void main(String[] args){

        Scanner infile;

        try {
            infile = new Scanner(new File("input.txt"));
                PrintWriter pw = new PrintWriter("output.txt");
            while(infile.hasNext()) {
                int temp = infile.nextInt();
                pw.println(temp);
            }

            System.out.println("Done");
            pw.close();
            infile.close();
        }catch(FileNotFoundException ex) {
            System.out.println(ex.getMessage());
        }


    }

}
```