```java
import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.util.Scanner;
public class fille{
    public static void main(String[] s)
    {
        Scanner sc=new Scanner(System.in);
        try{
            File obj=new File("name.txt");

            if(obj.createNewFile())
                System.out.println("Successfully created : "+obj);
            else
                System.out.println("File already exists");

            FileWriter writer=new FileWriter("name.txt");

            System.out.print("Enter your name : ");
            writer.write(encode(sc.next()));
            writer.close();

            System.out.println("Successfully written into file...");

            Scanner reader=new Scanner(obj);
            while(reader.hasNextLine())
            {
                System.out.print("Data in the file is : ");
                String data=reader.nextLine();
                System.out.println(data);
                System.out.print("Your actual name is : "+ decode(data));
            }

            reader.close();
            sc.close();
            //Scanner rea=new Scanner(new File("f2.txt")); This will cause IOException
and the line inside catch block will be printed....
        }
        catch(IOException e){
            System.out.println("Error occured while opening file...");
        }
    }
```

```java
    static String encode(String name)
    {
        int i,n;
        char[] c=new char[name.length()];
        c=name.toCharArray();
        for(i=0;i<name.length();i++)
        {
            n=(int)c[i];
            n=n+2;
            if(n>90 && n<97)
            {
                n=n%90;
                n=64+n;
            }
            else if(n>122)
            {
                n=n%122;
                n=96+n;
            }
            c[i]=(char)n;
        }
        return String.valueOf(c);
    }

    static String decode(String name)
    {
        int i,n;
        char[] c=new char[name.length()];
        c=name.toCharArray();
        for(i=0;i<name.length();i++)
        {
            n=(int)c[i];
            n=n-2;
            if(n>90 && n<97)
            {
                n=97-n;
                n=123-n;
            }
            else if(n<65)
            {
                n=65-n;
                n=91-n;
            }
            c[i]=(char)n;
        }
        return String.valueOf(c);
    }
}
```

```
C:\Windows\System32\cmd.exe                                    ─    □    ✕

Microsoft Windows [Version 10.0.22000.1042]
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D:\java\filehand>javac fille.java

D:\java\filehand>java fille
Successfully created : name.txt
Enter your name : Anshuman
Successfully written into file...
Data in the file is : Cpujwocp
Your actual name is : Anshuman
D:\java\filehand>
```