



**NAME – RAJDEEP JAISWAL**

**DATE – 16 NOV 2021**

**BRANCH – BTECH CSE**

**SEC = 608 - A**

**UID -20BCS2761**

**Subject – JAVA Lab**

### **AIM –**

Write a program to read and write data to a file.

### **Solution –**

#### **Code in Text form –**

```
package com.company;

import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;

// Class
class prep {

    // Main driver method
    public static void main(String[] args)
    {

        try {

            FileReader fr = new FileReader("rajInput.txt");
            // Creating a FileWriter object
            FileWriter fw = new FileWriter("rajOutput.txt");

            String str = "";
            int i;
```



```
while ((i = fr.read()) != -1) {  
  
    str += (char)i;  
}  
  
System.out.println(str);  
  
fw.write(str);  
  
fr.close();  
fw.close();  
  
// Display message  
System.out.println(  
                    "File reading and writing both done");  
}  
catch (IOException e) {  
  
    // Display message  
    System.out.println(  
                    "There are some IOException");  
}  
}  
}
```



## Code in Compiler –

```
FirstjavaprogramRaj / src / com / company / prep / main
Project  code23.java ×  code24.java ×  code25.java ×  code26.java ×  code30.java ×  prep.java ×  rajInput.txt ×  rajOutput.txt ×  code28.java ×  Main.java ×
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```

package com.company;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

// Class

class prep {

// Main driver method

public static void main(String[] args)

{

try {

FileReader fr = new FileReader( fileName: "rajInput.txt" );

// Creating a FileWriter object

FileWriter fw = new FileWriter( fileName: "rajOutput.txt" );

String str = "";

int i;

while ((i = fr.read()) != -1) {

```
FirstjavaprogramRaj / src / com / company / prep / main
Project  code23.java ×  code24.java ×  code25.java ×  code26.java ×  code30.java ×  prep.java ×  rajInput.txt ×  rajOutput.txt ×  code28.java ×  Main.java ×
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```

while ((i = fr.read()) != -1) {

str += (char)i;

}

System.out.println(str);

fw.write(str);

fr.close();

fw.close();

// Display message

System.out.println(

"File reading and writing both done");

}

catch (IOException e) {

// Display message

System.out.println(

"There are some IOException");

}

}



## OUTPUT -

```
Run: prep ×
▶ prep
└─ /Library/Java/JavaVirtualMachines/jdk-16.0.1.jdk/Contents/Home/bin/java -javaagent:/Applications/IntelliJ IDEA CE.app/Contents/lib/idea_rt.jar=50330:/App
  Hi! I am Rajdeep
  File reading and writing both done
  Process finished with exit code 0
Run: prep
Run completed successfully in 2 sec. 758 ms (impatient mode)
```

The screenshot shows the IntelliJ IDEA interface with the title bar "IntelliJ IDEA". The project navigation bar shows "FirstjavaprogramRaj > src > com > company > rajInput.txt". Below the navigation bar, there are tabs for "rajOutput.txt", "rajInput.txt", "code28.java", and "Main.java". The main editor area displays the content of "rajInput.txt": "1 Hii I am Rajdeep".

The screenshot shows the IntelliJ IDEA interface with the title bar "IntelliJ IDEA". The project navigation bar shows "FirstjavaprogramRaj > src > com > company > rajOutput.txt". Below the navigation bar, there are tabs for "rajOutput.txt", "rajInput.txt", "code28.java", and "Main.java". The main editor area displays the content of "rajOutput.txt": "1 Hii I am Rajdeep".



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### Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			