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NAME – RAJDEEP JAISWAL   DATE – 29 NOV 2021

BRANCH – BTECH CSE   SEC = 608 - A

UID -20BCS2761   Subject – JAVA FINAL

AIM – Write a program to copy from one file to another.

Sample Input and Output:
Enter the input file name
Input.txt
Enter the output file name
Output.txt

Sol –

CODE IN TEXT -

```java
package  com.company;

import java.io.File;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.IOException;

public class prep
{
    public static void main(String[] args)
    {
        FileInputStream instream = null;
        FileOutputStream outstream = null;

        try{
            File infile =new File("C:\\rajInput.txt");
            File outfile =new File("C:\\rajOutput.txt");

            instream = new FileInputStream(infile);
            outstream = new FileOutputStream(outfile);

            byte[] buffer = new byte[1024];

            int length;
```

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```java
        while ((length = instream.read(buffer)) > 0){
            outstream.write(buffer, 0, length);
        }

        //Closing the input/output file streams
        instream.close();
        outstream.close();

        System.out.println("File copied successfully!!");

    }catch(IOException ioe){
        ioe.printStackTrace();
    }
}
}
```

CODE IN COMPILER –

```java
package com.company;

import java.io.File;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.IOException;

public class prep
{
    public static void main(String[] args)
    {
        FileInputStream instream = null;
        FileOutputStream outstream = null;

        try{
            File infile =new File( pathname: "C:\\rajInput.txt");
            File outfile =new File( pathname: "C:\\rajOutput.txt");

            instream = new FileInputStream(infile);
            outstream = new FileOutputStream(outfile);

            byte[] buffer = new byte[1024];

            int length;

            while ((length = instream.read(buffer)) > 0){
                outstream.write(buffer, off: 0, length);
```

```java
        instream = new FileInputStream(infile);
        outstream = new FileOutputStream(outfile);

        byte[] buffer = new byte[1024];

        int length;

        while ((length = instream.read(buffer)) > 0){
            outstream.write(buffer, off: 0, length);
        }

        //Closing the input/output file streams
        instream.close();
        outstream.close();

        System.out.println("File copied successfully!!");

    }catch(IOException ioe){
        ioe.printStackTrace();
    }
}
}
```

OUTPUT CODE –

```
/Library/Java/JavaVirtualMachines/jdk-16.0.1.jdk/Contents/Home/bin/java -javaagent:/Applications/IntelliJ IDEA CE.app/Contents/lib/idea_rt.jar=52095:/Applications/Intell
File copied successfully!!

Process finished with exit code 0
```