

OBJECT-ORIENTED PROGRAMMING LAB**Experiment No.: 2****Aim**

Write a program to write to a file, then read from the file and display the contents on the console.

Program

```
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.io.*;
import java.util.*;
import java.io.File;

class File1 {
public static void main(String[]
args) {
String var = "";
Scanner scan = new Scanner(System.in);
System.out.println("Enter the text to create file : type ENTER key 3 times to
stop"); while (!var.endsWith("\n\n\n"))
var = var + scan.nextLine() + "\n";
try {
File file = new File("output.txt");
FileWriter fw = new FileWriter(file);
```

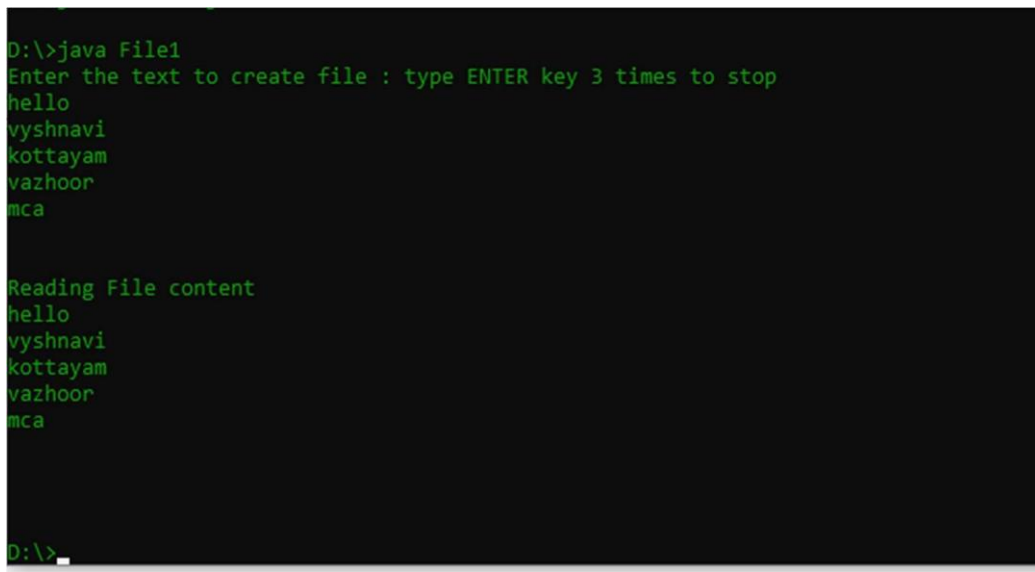
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```
fw.write(var);

fw.close();

System.out.println("Reading File content");
FileReader fr = new FileReader("output.txt");
String str = "";
int i;
while ((i = fr.read()) != -1) {
    str += (char) i;
}
System.out.println(str);
fr.close();
} catch (IOException e) {
    System.out.println("There are some exception");
}
}
}
```

Output Screenshot



```
D:\>java File1
Enter the text to create file : type ENTER key 3 times to stop
hello
vyshnavi
kottayam
vazhoor
mca

Reading File content
hello
vyshnavi
kottayam
vazhoor
mca

D:\>
```

The screenshot shows a Windows command prompt where a Java program named 'File1' is executed. The program prompts the user to enter text to create a file, with instructions to press the ENTER key three times to stop. The user enters 'hello', 'vyshnavi', 'kottayam', 'vazhoor', and 'mca' on separate lines. After a blank line, the program reads the file content and displays the same text: 'hello', 'vyshnavi', 'kottayam', 'vazhoor', and 'mca' on separate lines. The prompt 'D:\>' is visible at the bottom.

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