FILE OPERATION:

package fileoperation18;

import java.io.File;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

public class FileOperations {

public static void main(String[] args)

{

//Create a file

File file = new File("C:\\lms\\hello.txt");

try

{

if (file.createNewFile())

{

System.out.println("New File is created!");

}

else

{

if(file.exists())

{

System.out.println("File already exists.");

System.out.println("File path:" + file.getAbsolutePath());

System.out.println("File name: " + file.getName());

System.out.println("File class: " + file.getClass());

System.out.println("File parent: " + file.getParent());

System.out.println("File space allocated: " + file.getUsableSpace());

System.out.println("File length: " + file.length());

System.out.println("File list: " + file.list());

}

}

} catch (IOException e) {

e.printStackTrace();

}

//Write operation

String data = "This is the data in the output file";

try {

FileWriter output = new FileWriter("C:\\lms\\hello.txt");

output.write(data);

System.out.println("Data is written to the file.");

output.close();

}

catch (Exception ex) {

ex.getStackTrace();

}

//Read operation

char[] array = new char[60];

try {

FileReader input = new FileReader("c:\\lms\\hello.txt");

input.read(array);

System.out.println("Data in the file:");

System.out.println(array);

input.close();

}

catch(Exception exc) {

exc.getStackTrace();

}

//Delete a file

boolean b = file.delete();

if(b==true)

{

System.out.println("File deleted !!");

}

else

{

System.out.println("File not deleted");

}

}

}