# Practical No:17

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**Objective:** WAP to create. write and read files in java.

# Code :

import java.io.File;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.RandomAccessFile;

import java.util.Scanner;

public class \_02\_readingFiles {

public static void main(String[] args) throws Exception{

String path="java/\_02\_ReadingWritingFiles";

File newFile= new File(path);

try {

newFile.createNewFile();

} catch (Exception e) {

//TODO: handle exception

System.out.println("Exception occured!!!!");

}

String str= "Hello World";

// writing in files ----> clears the previous content

FileWriter fout= new FileWriter(path);

fout.write(str);

fout.close();

// String path="hello.txt";

// String path2="\_02\_ReadingWritingFiles copy";

// // reading with FileReader

// FileReader fin= new FileReader(path);

// int i;

// do{

// i=fin.read();

// System.out.print((char)i);

// }while (i!= -1);

// fin.close();

// reading with FileReader

FileReader fin= new FileReader(path);

int i;

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

System.out.print((char)i);

}

fin.close();

System.out.println();

// reading with Scanner class

FileReader fileObj= new FileReader(path);

Scanner sc= new Scanner(fileObj).useDelimiter("\n");

while( sc.hasNextLine()){

System.out.println(sc.nextLine());

}

sc.close();

// appending in files ----> appending in the previous content

// RandomAccessFile fout= new RandomAccessFile(path2, "rw");

// fout.seek(fout.length()); // end of the file

// fout.writeBytes(str);

// fout.writeChars(str);

// for (char ch : str.toCharArray()) {

// if(ch!='\0')

// fout.writeChar(ch);

// }

// fout.close();

}

}

# Output:

PS D:\01\_Java\Deepankar\java Programming\\_9\_NovFileHandling> cd "d:\01\_Java\Deepankar\java Programming\\_9\_NovFileHandling\" ; if ($?) { javac \_02\_readingFiles.java } ; if ($?) { java \_02\_readingFiles }

Hello World

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