1. Write a java program to read contents of a file.

//ReadFile.java

package Files;

import java.io.\*;

public class ReadFile {

public static void main(String[] arg) throws IOException{

FileInputStream f;

try {

f = new FileInputStream("Files/sample.txt");

int c;

do{

c = f.read();

if(c!=-1){

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

}

}while(c!=-1);

} catch (FileNotFoundException e) {

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

return;

}

f.close();

}

}

//sample.txt

This content is from a file.



1. Write a java program to write “hello world” to a file.

package Files;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

public class WriteFile {

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

FileOutputStream f1 = null;

try {

f1 = new FileOutputStream("Files/new.txt");

String str = "Hello World";

for (int i = 0; i < str.length(); i++) {

f1.write(str.charAt(i));

}

System.out.println("File wrote successfully");

} catch (FileNotFoundException e) {

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

}

f1.close();

}

}



//new.txt

Hello World

1. Write a java program to copy a content of a file to another file.

package Files;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

public class RdfCopy{

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

FileInputStream f1 = null;

FileOutputStream f2 = null;

try {

f1 = new FileInputStream("Files/sample.txt");

f2 = new FileOutputStream("Files/samplecopy.txt");

int c;

do{

c = f1.read();

if(c!=-1){

f2.write(c);

}

}while(c!=-1);

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

} catch (FileNotFoundException e) {

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

return;

}

f1.close();

f2.close();

}

}



//sample1.txt

File 1 contents.

//samplecopy.txt

File 1 contents.

1. Write the alternate letter from string to file1.txt. Write the whole string to file2.txt. Write the string starting from index 2 and upto 5 letters into files3.txt.

package Files;

import java.io.\*;

public class ReadStringtoFile {

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

FileOutputStream f1 = null;

FileOutputStream f2 = null;

FileOutputStream f3 = null;

try {

f1 = new FileOutputStream("Files/file1.txt");

f2 = new FileOutputStream("Files/file2.txt");

f3 = new FileOutputStream("Files/file3.txt");

String str = "Hello World";

for (int i = 0; i < str.length(); i=i+2) {

f1.write(str.charAt(i));

}

for (int i = 0; i < str.length(); i++) {

f2.write(str.charAt(i));

}

String str2 = str.substring(2, 7);

for (int i = 0; i < str2.length(); i++) {

f3.write(str2.charAt(i));

}

} catch (FileNotFoundException e) {

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

return;

}

f1.close();

f2.close();

f3.close();

}

}

//file1.txt

HloWrd

//file2.txt

Hello World

//file3.txt

llo W

1. Read a file from command prompt.

package Files;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.util.Scanner;

public class ReadFileCommand {

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

FileInputStream f;

Scanner scan = new Scanner(System.in);

String file = scan.nextLine();

try {

f = new FileInputStream("Files/"+file);

int c;

do{

c = f.read();

if(c!=-1){

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

}

}while(c!=-1);

} catch (FileNotFoundException e) {

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

return;

}

f.close();

}

}

//new.txt

Hello World

