

Basic Files Code Using Scanners

```
//Save your file in the folder holding the src and bin
//Don't put it in the src
//Don't put it in the bin
import java.util.*; //libraries for Scanners
import java.io.*;

public class BasicFiles {
    public static void main(String args[]) {
        new BasicFiles();
    }
    public BasicFiles() {
        try {
            Scanner scan = new Scanner(new FileReader("data.in")); //opens scanner

            int s = scan.nextInt(); //gets numbers
            String n=scan.next(); //gets text

            scan.close(); //closes off scanner, not mandatory

        } catch(IOException e) {
            //Needed for files
        }
    }
}
```

File into an array – reads in the ECOO, 2020, P1 and prints it on the screen to verify

```
import java.util.*; //libraries for Scanners
import java.io.*;

public class MimiMusic {
    public static void main(String args[]) {
        new MimiMusic();
    }
    public MimiMusic() {
        try {
            Scanner scan = new Scanner(new FileReader("data.in")); //opens scanner
            int s = scan.nextInt(); //gets numbers
            String array[][]=new String[s][4];
            for(int i=0; i<s; i++) {
                for(int j=0; j<4; j++) {
                    array[i][j]=scan.next();
                }
            }
            for(int i=0; i<s; i++) {
                for(int j=0; j<4; j++) {
                    System.out.print(array[i][j]+" ");
                }
                System.out.println();
            }
            scan.close(); //closes off scanner, not mandatory
        } catch(IOException e) {
        }
    }
}
```