

File IO

```
import java.io.*;
import java.Scanner;
public class FileBasics{
    public static void main(String ... args) throws FileNotFoundException{
        double scoreFromFile = 0;
        double total = 0;
        int count = 0;

        // get a file 'handle'
        File myFile = new File("scores.txt");

        //Connect the file hand to a Scanner object
        Scanner fin = new Scanner(myFile);

        while(fin.hasNextLine()){
            count++;
            String str = fin.nextLine();
            System.out.println(str);
        }

        fin.close();

        string[] str = new String[count];
        fin = new Scanner(myFile);
        count = 0;
        while (fin.hasNextLine()){
            str[count] = fin.nextLine();
            count++;
        }
    }
}
```

```
import java.io.*;
import java.util.Scanner;
public class FileTester{
    public static void main(String ... args) throws FileNotFoundException{
        File fin = null;
        String sWork;
        PrintStream fout;
        //this version is called
    }
}
```

File out

```
PrintWriter fout = new PrintWriter("dates.txt");
for (int i = 0; i < 100; i++){
```

```
    fout.println("this is line" + (i + 1));  
}  
fout.close();
```
