

## Creating a New Mini-Java Project

Mini Projects consist of a .java file with a main class. A Main class is a class with a main method. All classes must be defined in the same file, but only one class will have a main method. To create a new project:

1. From the **File** menu, select **New->Project**.
2. Type filename test01.java
3. Type the following file into the test01.java edit tab:

```
class foo {  
    public static void main(String[] a) {  
        System.out.println("Hello world");  
    }  
}
```

4. From the **Run** menu, select **Start**. You should see the following appear on the output tab:

```
Hello World
```

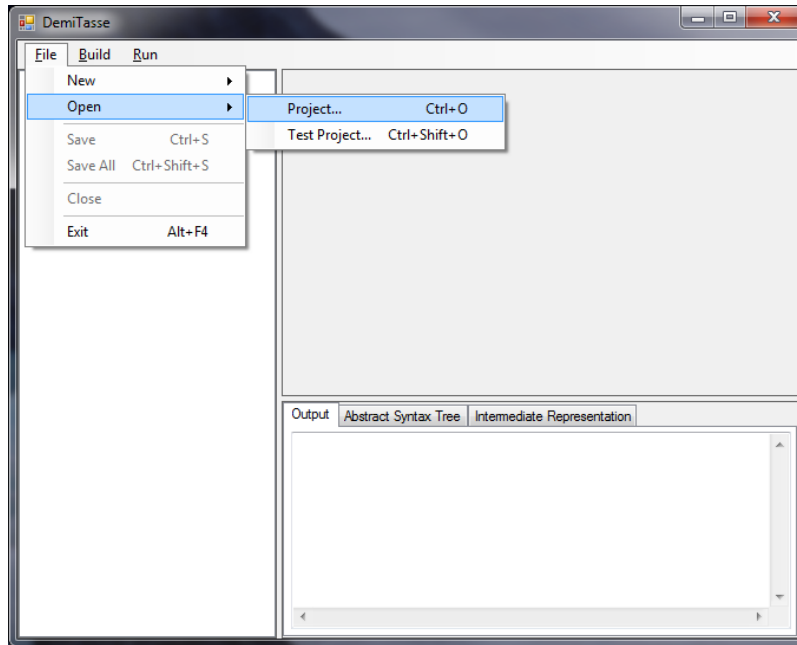
## Opening a Mini-Java Project

A number of Mini-Java projects exist on the Mini-Java web site:

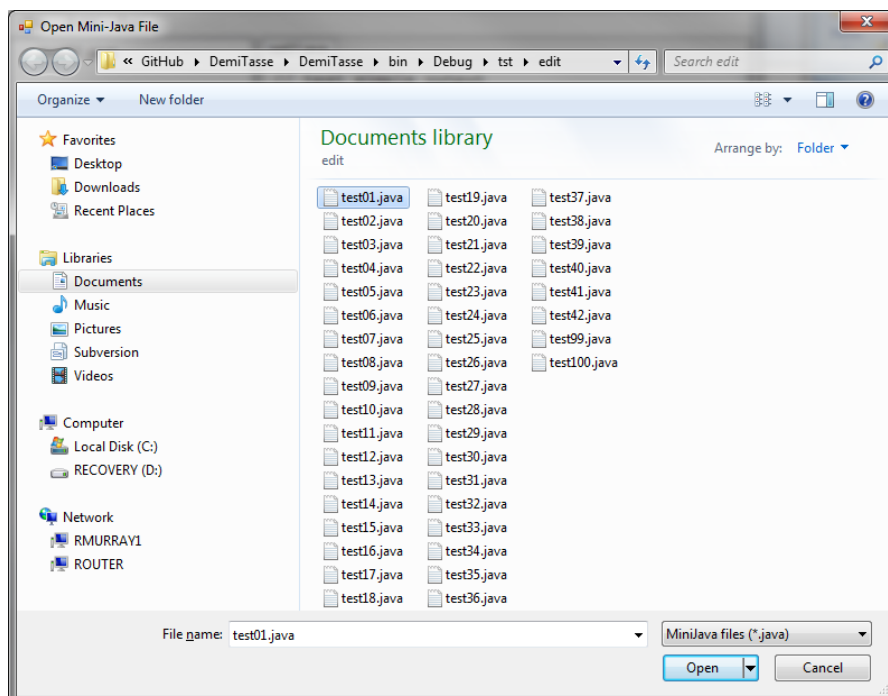
(<http://www.cambridge.org/us/features/052182060X/index.html>).

You may copy any of these files to your local hard drive. To load a file into the IDE:

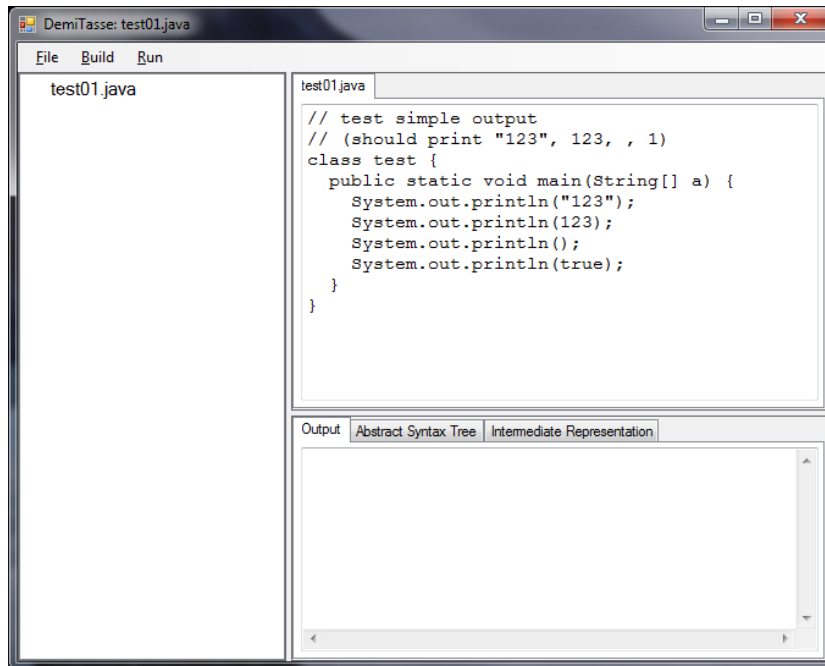
1. From the **File** menu, select **Open->Project**.



2. Select filename in the file dialog.

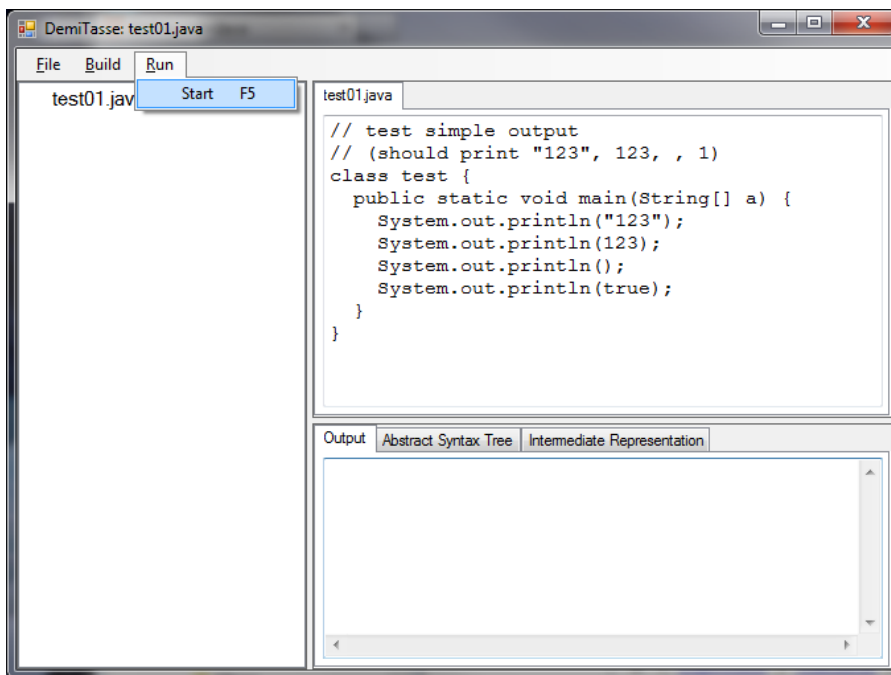


3. Press **Open** button.

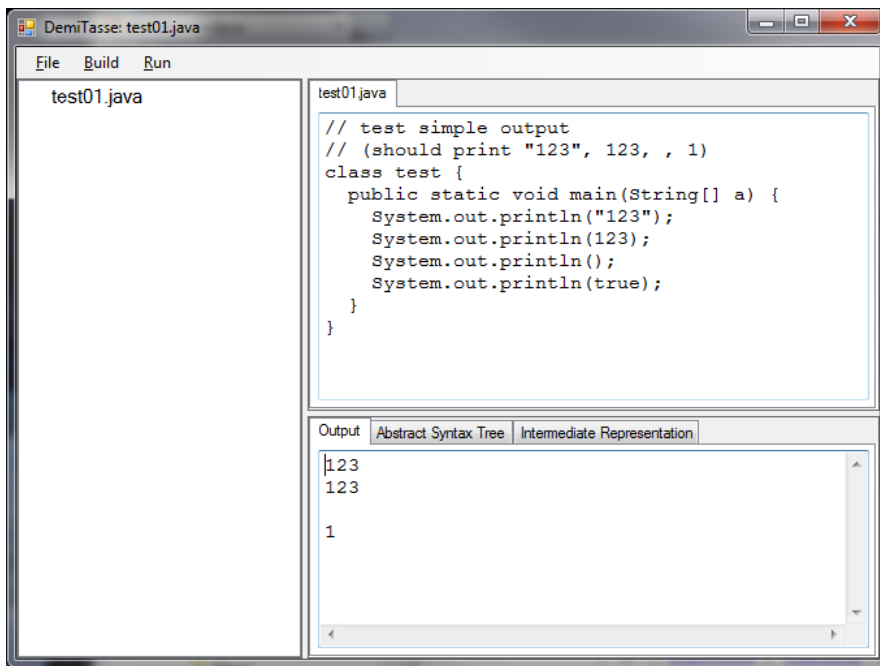


## Executing a Mini-Java Project

From the **Run** menu, select the **Start** menu item:

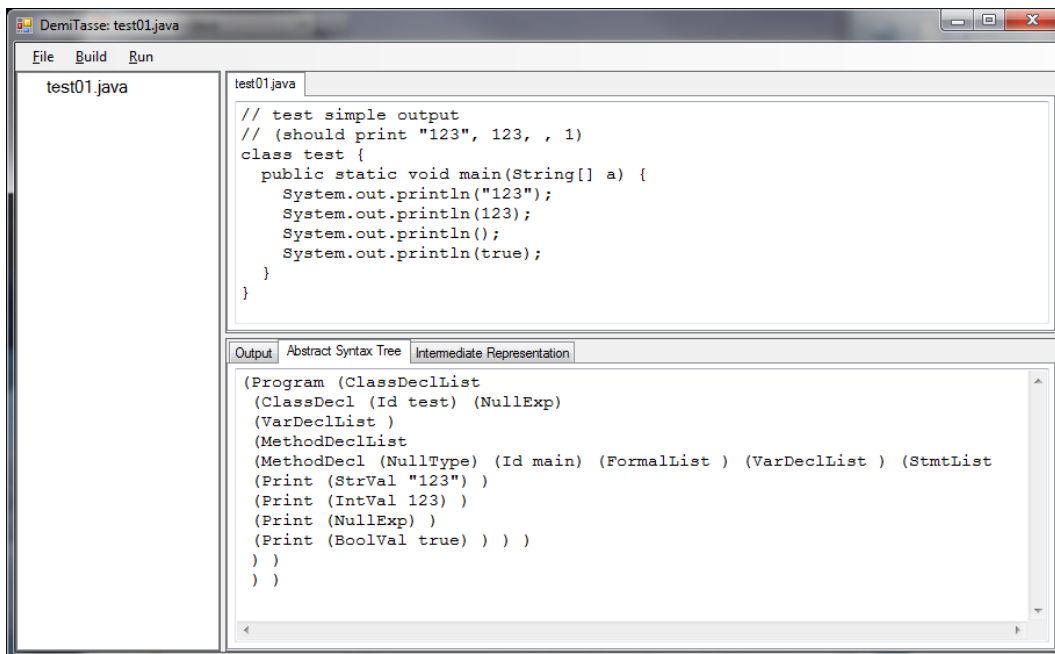


Any output from your program is viewable on the **Output** tab:



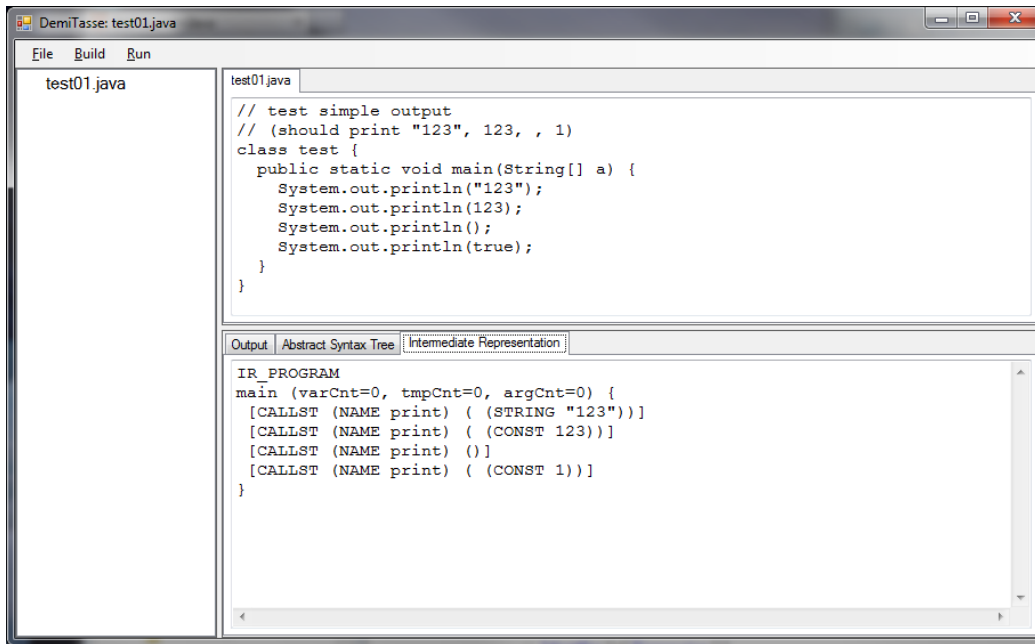
## Viewing The Abstract Syntax Tree

You may view the AST of any file that compiles successfully from the **Abstract Syntax Tree** tab:



## Viewing the Intermediate Representation

You may view the intermediate compile code of any file that compiles successfully from the **Intermediate Representation** tab:



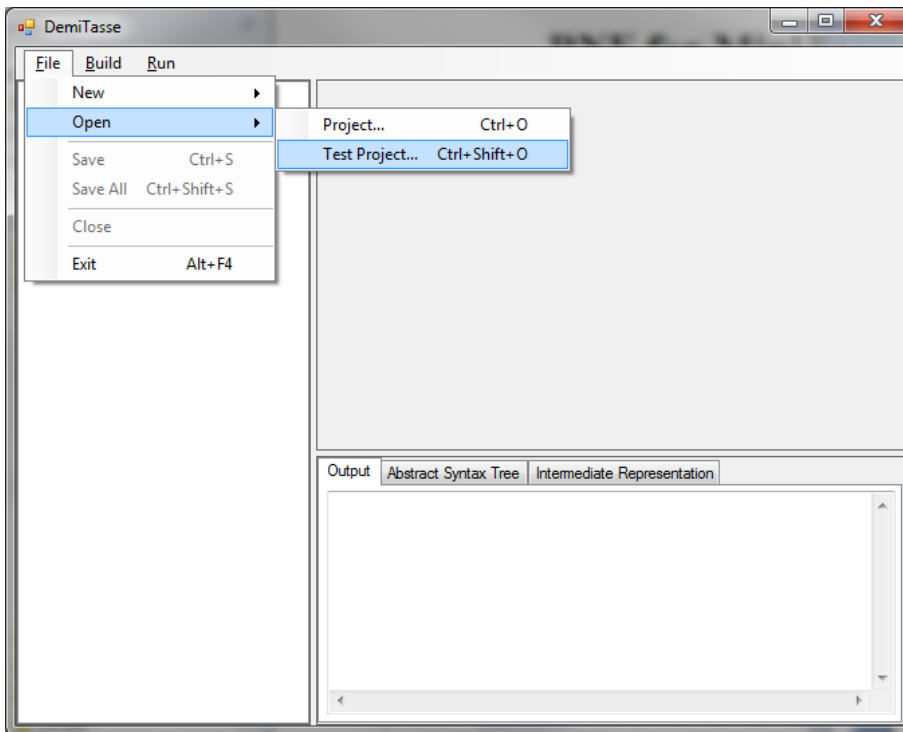
## Mini-Java Test Project

A Test Project is a group of files that may be compiled and executed as a group. You must

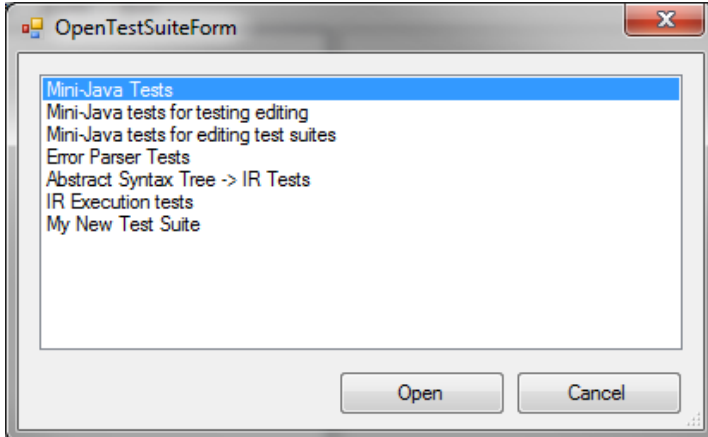
- 1) Create the project (menu **File→New→Test**) Project
- 2) Select the files you wish to appear in the project (menu **File→Add Files**)
- 3) Select Start in the run menu.
- 4) Execute the suite (menu **Run→Start**)

## Opening an Existing Mini-Java Test Project

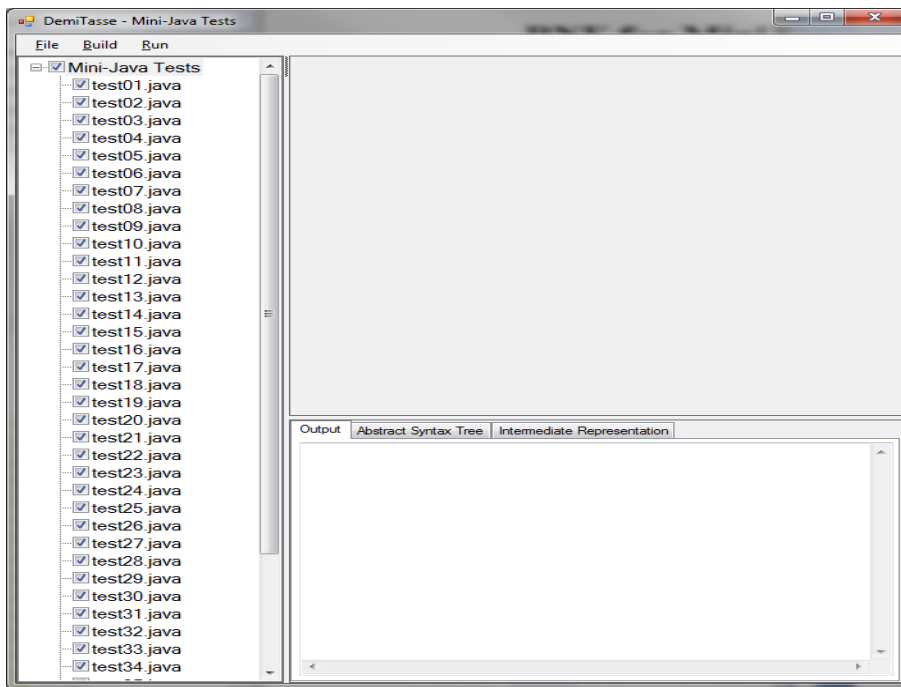
1. Select **File**→**Open**→**Test Project**



2. Choose test project.



3. Select tests you wish to execute by checking the checkboxes next to each file:



Note: You may edit any of the test by double clicking the file name.

