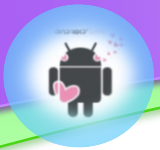


JSON 기초 활용

JSON 기초



프로젝트 만들기



JSON 형식으로 저장하기(c:\□□myson.json)

- Package name : jsonTest

- File Name : jsontest01

- 준비사항:

- "json_simple-1.1.jar" 파일 다운로드

Java
Programming



```
jsontest01.java  ⌕
1  package jsonTest;
2
3  import java.io.PrintWriter;
4  import java.io.IOException;
5
6  import org.json.simple.JSONArray;
7  import org.json.simple.JSONObject;
8
9
10 public class jsontest01 {
11
12     public static void main(String[] args) {
13         //Json 객체 생성.
14         JSONObject jobj = new JSONObject();
15         jobj.put("name", "HongGD");
16         jobj.put("company", "Jangan");
17         jobj.put("age", "26");
18
19         //Json Array 생성.
20         JSONArray maglist = new JSONArray();
21         maglist.add("JSON test");
22         maglist.add("hello JSON");
23         jobj.put("list", maglist);
24     }
25 }
```

```
jsontest01.java  ⌕
24     try {
25         FileWriter file = new FileWriter("c:\\myJson.json");
26         file.write(jobj.toJSONString());
27         file.flush();
28         file.close();
29     } catch (IOException e) {
30         e.printStackTrace();
31     }
32     System.out.println("Create JSON Object : "+jobj);
33 }
34
35 }
36
```

JAR 파일 추가

5

패키지명 오른쪽 마우스
클릭

Open in New Window
Open Type Hierarchy
Show In

Copy
Copy Qualified Name
Paste
Delete

Remove from Context
Build Path
Source
Refactor

Import...
Export...

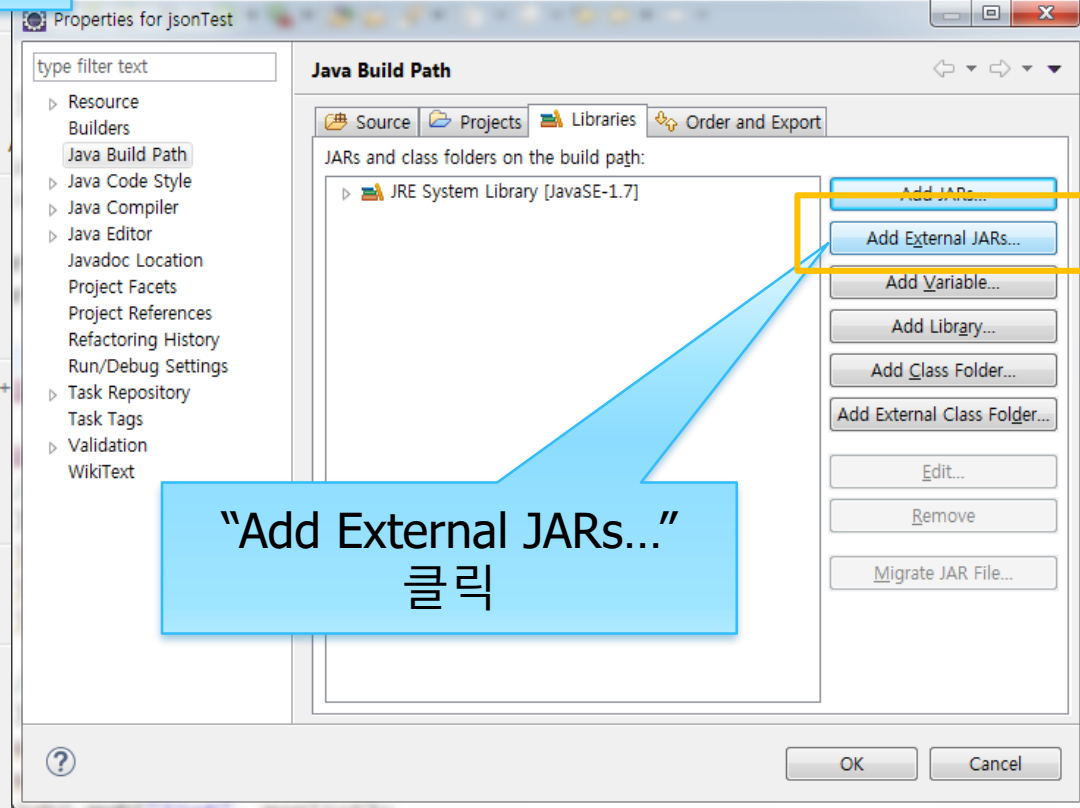
Refresh
Close Project
Close Unrelated Projects
Assign Working Sets...

Profile As
Debug As
Run As
Validate

Team
Compare With
Restore from Local History...
Configure

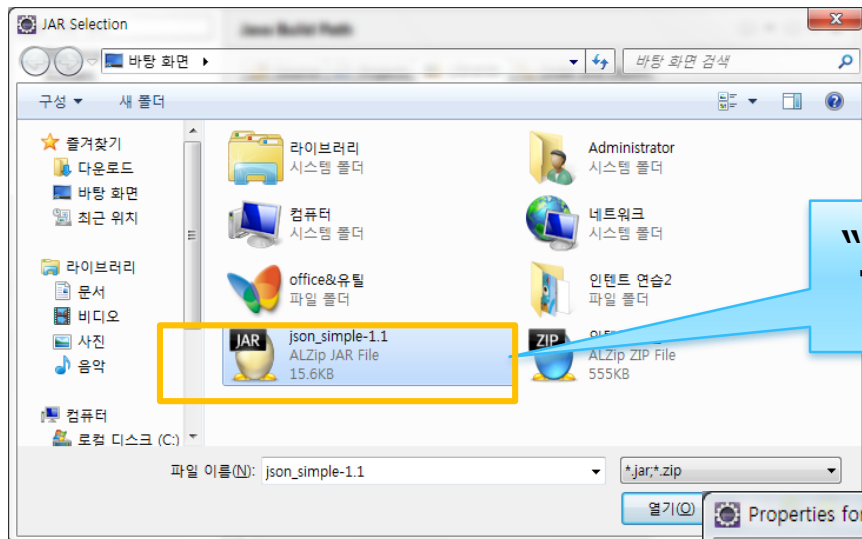
Properties

Alt+Enter

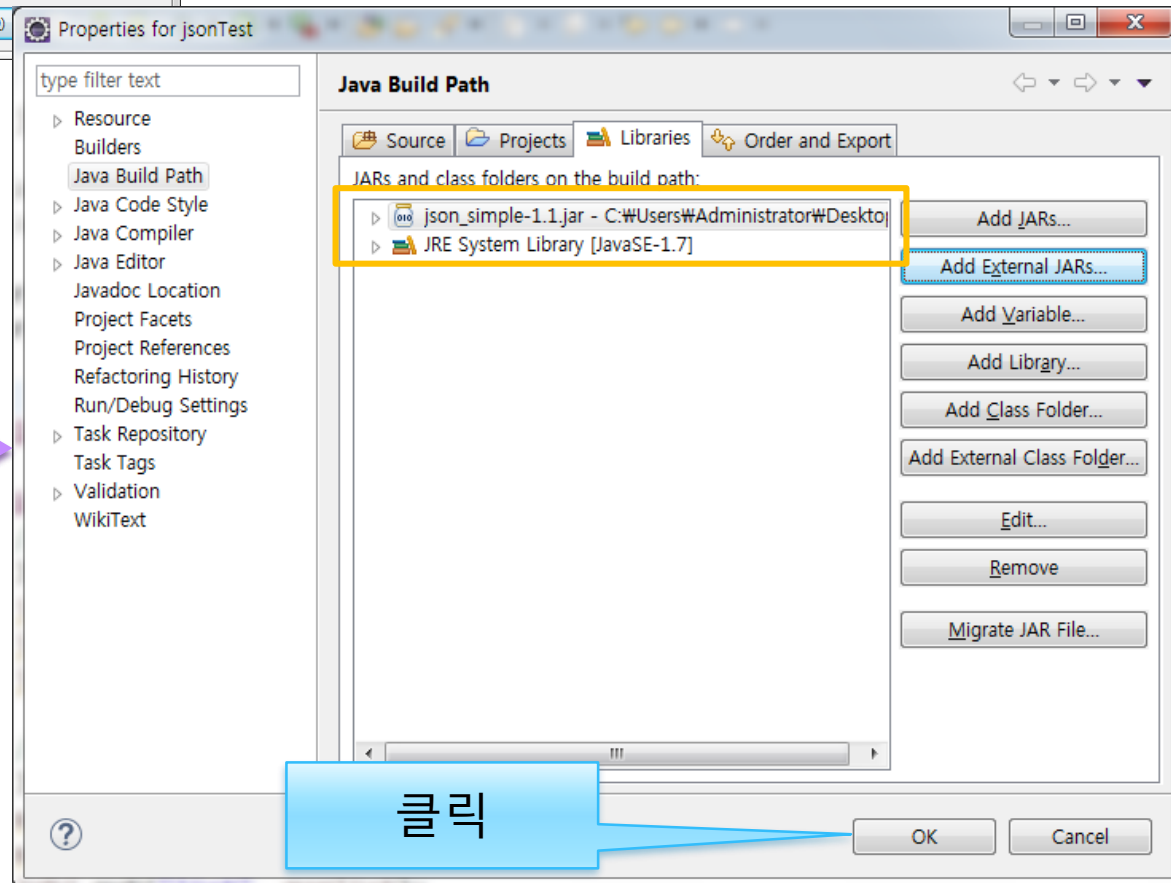


"Add External JARs..."
클릭

"Properties" 클릭



"json_simple-1.1.jar"
선택 후 열기



클릭

실행 결과

A screenshot of an IDE's console window. The title bar shows 'Problems', 'Javadoc', 'Declaration', and 'Console'. The console text reads: '<terminated> jsonTest01 [Java Application] C:\Program Files\Java\jdk1.7.0_79\bin\javaw.exe (2015. 5. 19. 오후 7:25:01)' followed by 'Create JSON Object : {"age":"26","company":"Jangan","name":"HongGD","list":["JSON test","hello JSON"]}' on the next line.

```
<terminated> jsonTest01 [Java Application] C:\Program Files\Java\jdk1.7.0_79\bin\javaw.exe (2015. 5. 19. 오후 7:25:01)
Create JSON Object : {"age":"26","company":"Jangan","name":"HongGD","list":["JSON test","hello JSON"]}
```

A screenshot of a Notepad window titled 'myJson - 메모장'. The menu bar includes '파일(F)', '편집(E)', '서식(O)', '보기(V)', and '도움말(H)'. The text area contains the same JSON object as the console output: '{"age":"26","company":"Jangan","name":"HongGD","list":["JSON test","hello JSON"]}'.

```
myJson - 메모장
파일(F)  편집(E)  서식(O)  보기(V)  도움말(H)
{"age":"26","company":"Jangan","name":"HongGD","list":["JSON test","hello JSON"]}
```

프로젝트 만들기

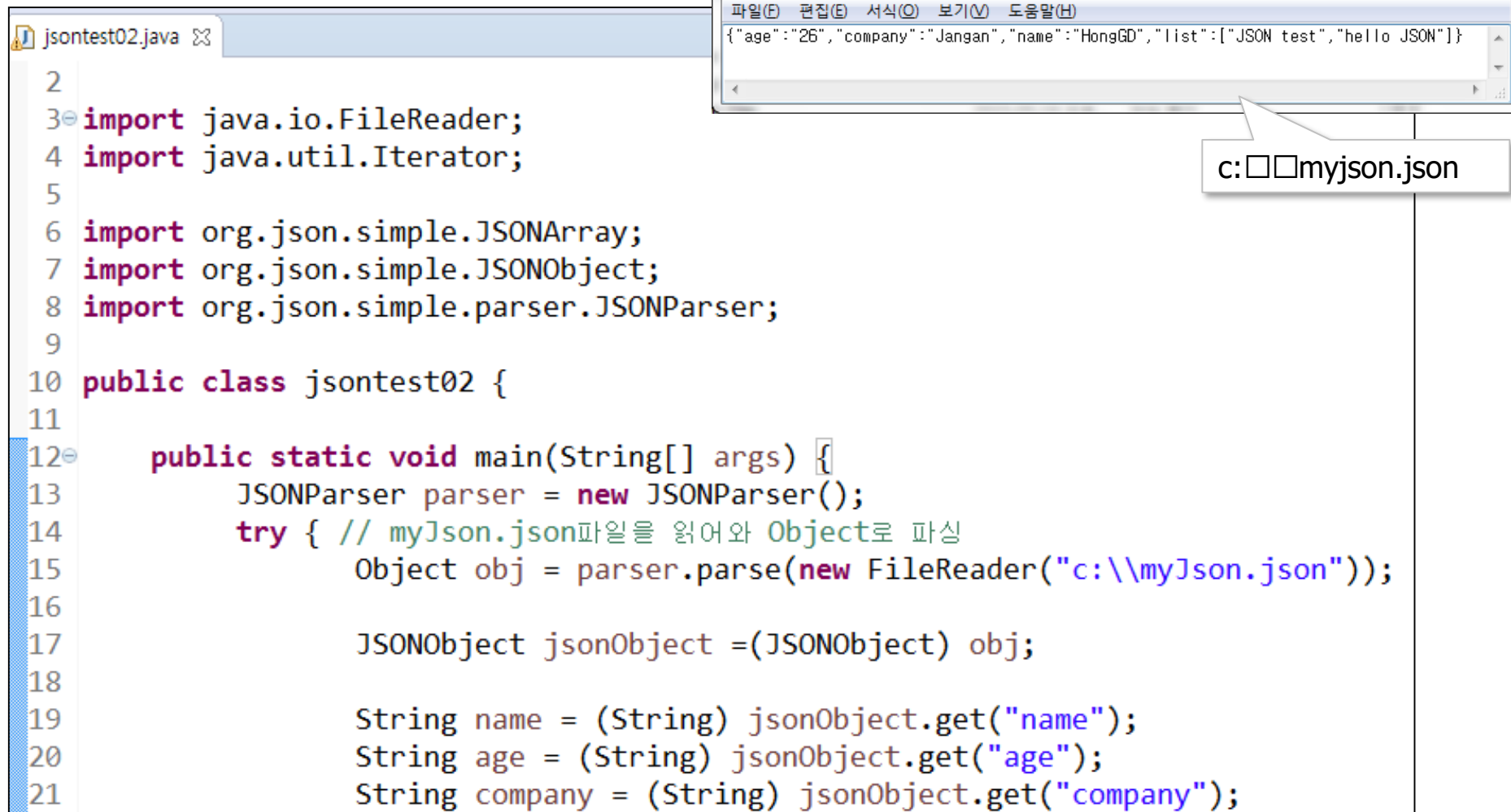


JSON 형식 읽어오기(c:\□□myson.json)

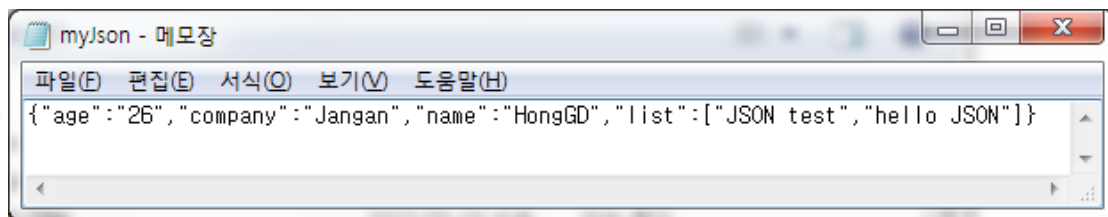
- Package name : jsonTest02
- File Name : jsontest02
- 준비사항:
 - ◎ **"json_simple-1.1.jar"** 파일 다운로드

Java
Programming



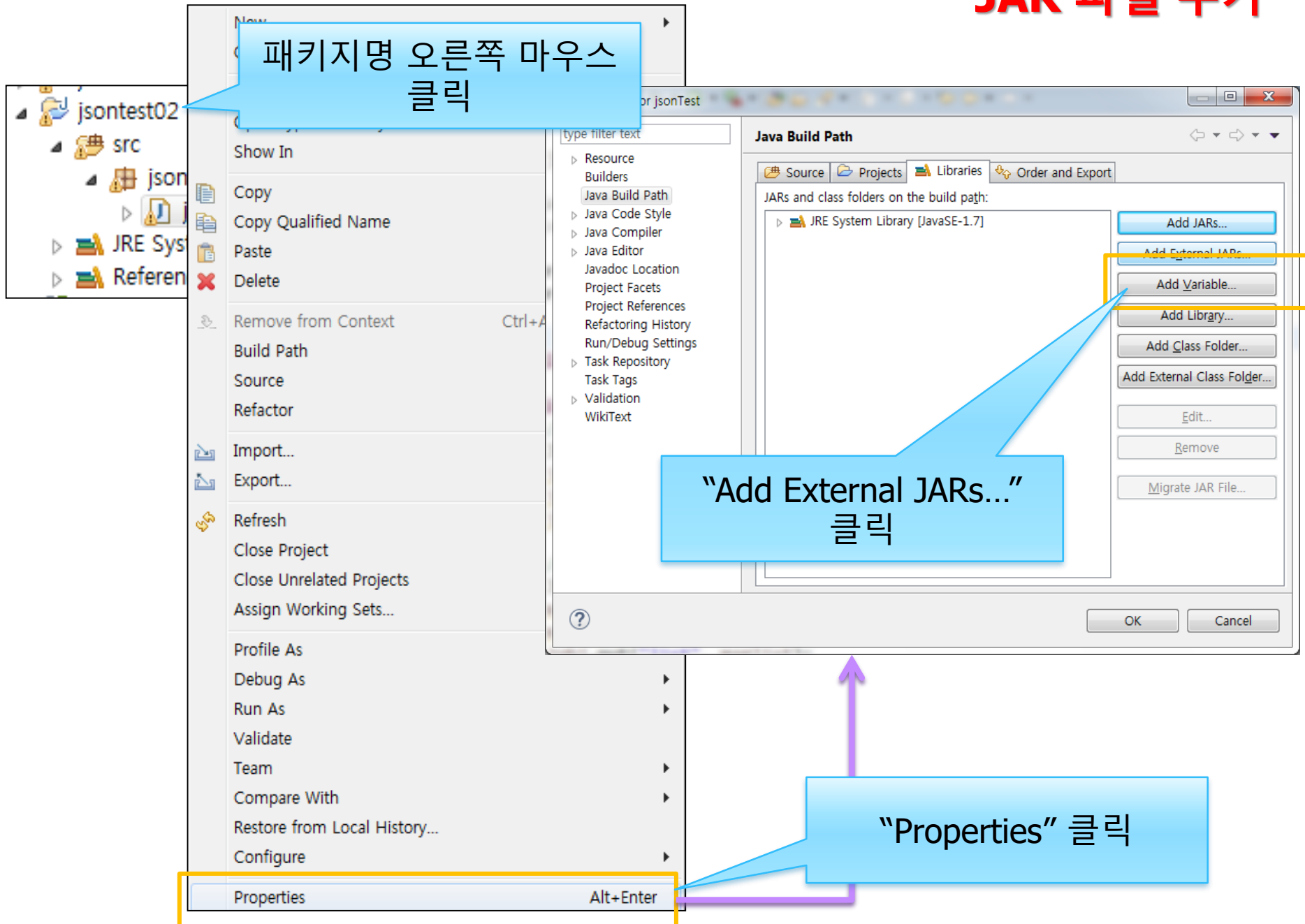


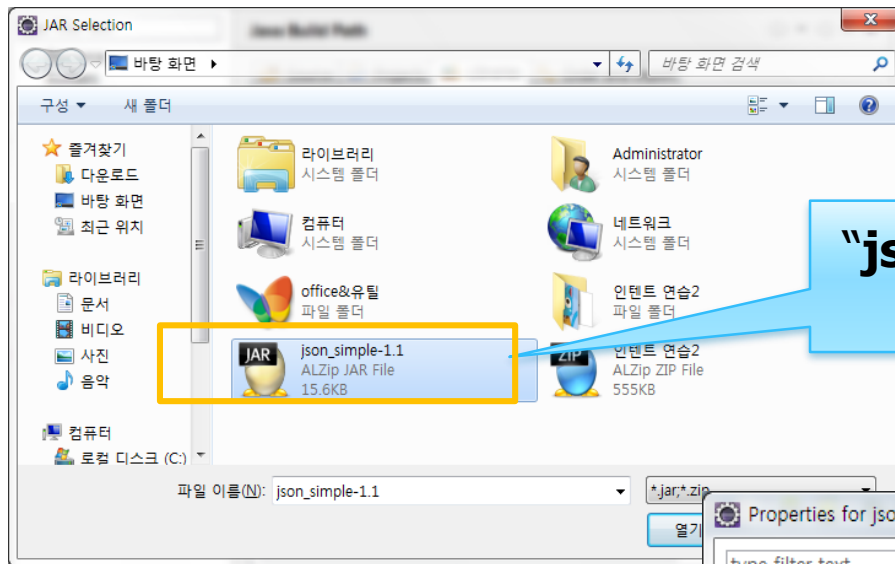
c:\□□myjson.json



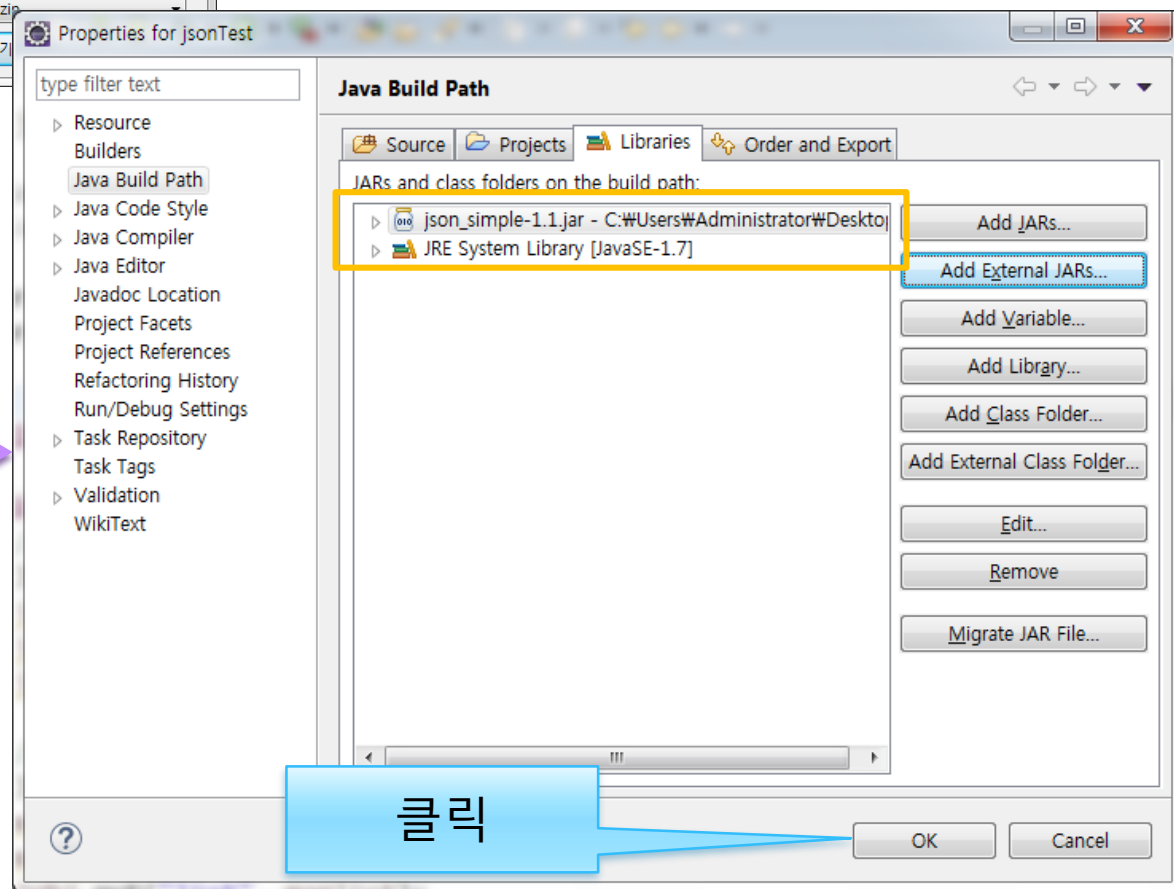
jsonTest02.java

```
22
23     System.out.println("name:" + name);
24     System.out.println("age:" + age);
25     System.out.println("company:" + company);
26
27     // list가져오기
28     JSONArray msgList =(JSONArray) jsonObject.get("list");
29     Iterator<String>iterator = msgList.iterator();
30
31     System.out.println("**JsonList**");
32
33     while(iterator.hasNext()) {
34         System.out.println(iterator.next());
35     }
36     } catch (Exception e) {
37         e.printStackTrace();
38     }
39
40 }
41 }
```





"json_simple-1.1.jar"
선택 후 열기



클릭

실행 결과



The screenshot shows a console window from an IDE. The title bar includes tabs for 'Problems', 'Javadoc', 'Declaration', and 'Console'. The console text is as follows:

```
<terminated> jsonTest02 [Java Application] C:\Program Files\Java\
name:HongGD
age:26
company:Jangan
**JsonList**
JSON test
hello JSON
```