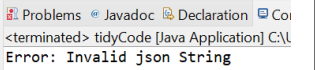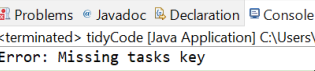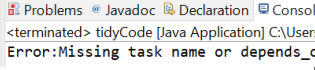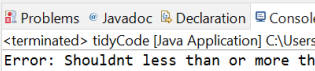Precondition: task are defined in list

Test Approach

Verify json string that feed to application

Verify required key must exist

Verify sequence of task

Verify duplicate in depends task

Verify depends on shouldnt have same name as current task

No.	Test Title	Input	Output
1	A Success case	`{\"tasks\": [\r\n` + `"{\r\n` + `"\"name\" : \"check_build_script\",\r\n` + `"\"depends_on\" : []\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"lint\",\r\n` + `"\"depends_on\" : [\"check_build_script\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"compile\",\r\n` + `"\"depends_on\" : [\"lint\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"package\",\r\n` + `"\"depends_on\" : [\"compile\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"test\",\r\n` + `"\"depends_on\" : [\"package\"]\r\n` + `"}\r\n` + `"]}";`	Problems @ Javadoc Declaration Console × \<terminated\> tidyCode [Java Application] C:\Users\yam_ Name: check_build_script Result: Valid Stage Name: lint Depends check: check_build_script check_build_script not duplicate Result: Valid Stage Name: compile Depends check: lint lint not duplicate Result: Valid Stage Name: package Depends check: compile compile not duplicate Result: Valid Stage Name: test Depends check: package package not duplicate Result: Valid Stage
2	Invalid json input	`{\"tasks\": [\r\n` + `"{\r\n` + `"\"name\" : \"check_build_script\",\r\n` + `"\"depends_on\" : []\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"lint\",\r\n` + `"\"depends_on\" : [\"check_build_script\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"compile\",\r\n` + `"\"depends_on\" : [\"lint\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"package\",\r\n` + `"\"depends_on\" : [\"compile\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"test\",\r\n` + `"\"depends_on\" : [\"package\"]\r\n` + `"}\r\n` + `"]";`	Problems @ Javadoc Declaration Con \<terminated\> tidyCode [Java Application] C:\U Error: Invalid json String
3	Invalid json string	`String input_string ="{\"tasksz\": [\r\n` + `"{\r\n` + `"\"name\" : \"check_build_script\",\r\n` + `"\"depends_on\" : []\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"lint\",\r\n` + `"\"depends_on\" : [\"check_build_script\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"compile\",\r\n` + `"\"depends_on\" : [\"lint\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"package\",\r\n` + `"\"depends_on\" : [\"compile\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"test\",\r\n` + `"\"depends_on\" : [\"package\"]\r\n` + `"}\r\n` + `"]}";`	Problems @ Javadoc Declaration Console × Prope \<terminated\> tidyCode [Java Application] C:\Users\yam_l\AppI Error: Missing tasks key
4	Check for json key name , depends_on or name must exist	`String input_string ="{\"tasks\": [\r\n` + `"{\r\n` + `"\"namez\" : \"check_build_script\",\r\n` + `"\"depends_onz\" : []\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"lint\",\r\n` + `"\"depends_on\" : [\"check_build_script\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"compile\",\r\n` + `"\"depends_on\" : [\"lint\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"package\",\r\n` + `"\"depends_on\" : [\"compile\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"test\",\r\n` + `"\"depends_on\" : [\"package\"]\r\n` + `"}\r\n` + `"]}";`	Problems @ Javadoc Declaration Console × Properties \<terminated\> tidyCode [Java Application] C:\Users\yam_l\AppData\ Error:Missing task name or depends_on

5	Check total task should not less or more than those defined in init list	`String input_string ="{\"tasks\": [\r\n` + `"{\r\n` + `"\"name\" : \"check_build_script\",\r\n` + `"\"depends_on\" : []\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"lint\",\r\n` + `"\"depends_on\" : [\"check_build_script\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"compile\",\r\n` + `"\"depends_on\" : [\"lint\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"test\",\r\n` + `"\"depends_on\" : [\"package\"]\r\n` + `"}\r\n` + `"]}";`
		
		 `String input_string ="{\"tasks\": [\r\n` + `"{\r\n` + `"\"name\" : \"check_build_script\",\r\n` + `"\"depends_on\" : []\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"lint\",\r\n` + `"\"depends_on\" : [\"check_build_script\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"compile\",\r\n` + `"\"depends_on\" : [\"lint\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"package\",\r\n` + `"\"depends_on\" : [\"compile\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"package\",\r\n` + `"\"depends_on\" : [\"compile\"]\r\n` + `"},\r\n` + `"{\r\n` + `"\"name\" : \"test\",\r\n` + `"\"depends_on\" : [\"package\"]\r\n` + `"}\r\n` + `"]}";`
			Problems @ Javadoc Declaration Console × Propertie
			 \<terminated\> tidyCode [Java Application] C:\Users\yam_l\AppDat
			 Error: Shouldnt less than or more than 5
			
			 Problems @ Javadoc Declaration Console × Propertie
			 \<terminated\> tidyCode [Java Application] C:\Users\yam_l\AppDat
			 Error: Shouldnt less than or more than 5

#	Test	Input	Console Output
6	Check depends on having same name as task name	String input_string ="{\"tasks\": [\r\n" + "{\r\n" + "\"name\" : \"check_build_script\",\r\n" + "\"depends_on\" : []\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"lint\",\r\n" + "\"depends_on\" : [\"check_build_script\",\"lint\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"compile\",\r\n" + "\"depends_on\" : [\"lint\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"package\",\r\n" + "\"depends_on\" : [\"compile\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"test\",\r\n" + "\"depends_on\" : [\"package\"]\r\n" + "}\r\n" + "]}";	<terminated> tidyCode [Java Application] C:\Users\yam_l\AppData\Local\Programs\Eclipse Four Name: check_build_script Result: Valid Stage Name: lint Depends check: check_build_script check_build_script not duplicate Error: depends on cant have task having same name as task name
7	Check duplicate depends on task	String input_string ="{\"tasks\": [\r\n" + "{\r\n" + "\"name\" : \"check_build_script\",\r\n" + "\"depends_on\" : []\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"lint\",\r\n" + "\"depends_on\" : [\"check_build_script\",\"check_build_script\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"compile\",\r\n" + "\"depends_on\" : [\"lint\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"package\",\r\n" + "\"depends_on\" : [\"compile\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"test\",\r\n" + "\"depends_on\" : [\"package\"]\r\n" + "}\r\n" + "]}";	Problems @ Javadoc Declaration Console × Properties <terminated> tidyCode [Java Application] C:\Users\yam_l Name: check_build_script Result: Valid Stage Name: lint Depends check: check_build_script check_build_script not duplicate Depends check: check_build_script Error: check_build_script duplicated
8	Check invalid sequence on depends on and show allowed sequences	String input_string ="{\"tasks\": [\r\n" + "{\r\n" + "\"name\" : \"check_build_script\",\r\n" + "\"depends_on\" : []\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"lint\",\r\n" + "\"depends_on\" : [\"check_build_script\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"compile\",\r\n" + "\"depends_on\" : [\"lint\",\"package\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"package\",\r\n" + "\"depends_on\" : [\"compile\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"test\",\r\n" + "\"depends_on\" : [\"package\"]\r\n" + "}\r\n" + "]}";	Problems @ Javadoc Declaration Console × Properties <terminated> tidyCode [Java Application] C:\Users\yam_l\AppData\Local\Programs\Eclipse Foundatio Name: check_build_script Result: Valid Stage Name: lint Depends check: check_build_script check_build_script not duplicate
9	Check invalid sequence on depends on name	String input_string ="{\"tasks\": [\r\n" + "{\r\n" + "\"name\" : \"check_build_script\",\r\n" + "\"depends_on\" : []\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"lint\",\r\n" + "\"depends_on\" : [\"check_build_script\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"check_build_script\",\r\n" + "\"depends_on\" : [\"lint\",\"package\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"package\",\r\n" + "\"depends_on\" : [\"compile\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"test\",\r\n" + "\"depends_on\" : [\"package\"]\r\n" + "}\r\n" + "]}";	Problems @ Javadoc Declaration Console × Properties <terminated> tidyCode [Java Application] C:\Users\yam_l\AppData\Local\Programs\E Name: check_build_script Result: Valid Stage Name: lint Depends check: check_build_script check_build_script not duplicate Result: Valid Stage Name: check_build_script Error: task name or current task is not in defined sequence ...mpile
10	Test on empty json string	String input_string = "";	Problems @ Javadoc Declaration Consc <terminated> tidyCode [Java Application] C:\Use Error: Invalid json String
11	Success case with multiple depends on	String input_string ="{\"tasks\": [\r\n" + "{\r\n" + "\"name\" : \"check_build_script\",\r\n" + "\"depends_on\" : []\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"lint\",\r\n" + "\"depends_on\" : [\"check_build_script\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"compile\",\r\n" + "\"depends_on\" : [\"lint\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"package\",\r\n" + "\"depends_on\" : [\"compile\",\"lint\", \"check_build_script\"]\r\n" + "},\r\n" + "{\r\n" + "\"name\" : \"test\",\r\n" + "\"depends_on\" : [\"package\"]\r\n" + "}\r\n" + "]}";	Problems @ Javadoc Declaration Console × I <terminated> tidyCode [Java Application] C:\Users\yam Name: check_build_script Result: Valid Stage Name: lint Depends check: check_build_script check_build_script not duplicate Result: Valid Stage Name: compile Depends check: lint lint not duplicate Result: Valid Stage Name: package Depends check: compile compile not duplicate Depends check: lint lint not duplicate Depends check: check_build_script check_build_script not duplicate Result: Valid Stage Name: test Depends check: package package not duplicate Result: Valid Stage