

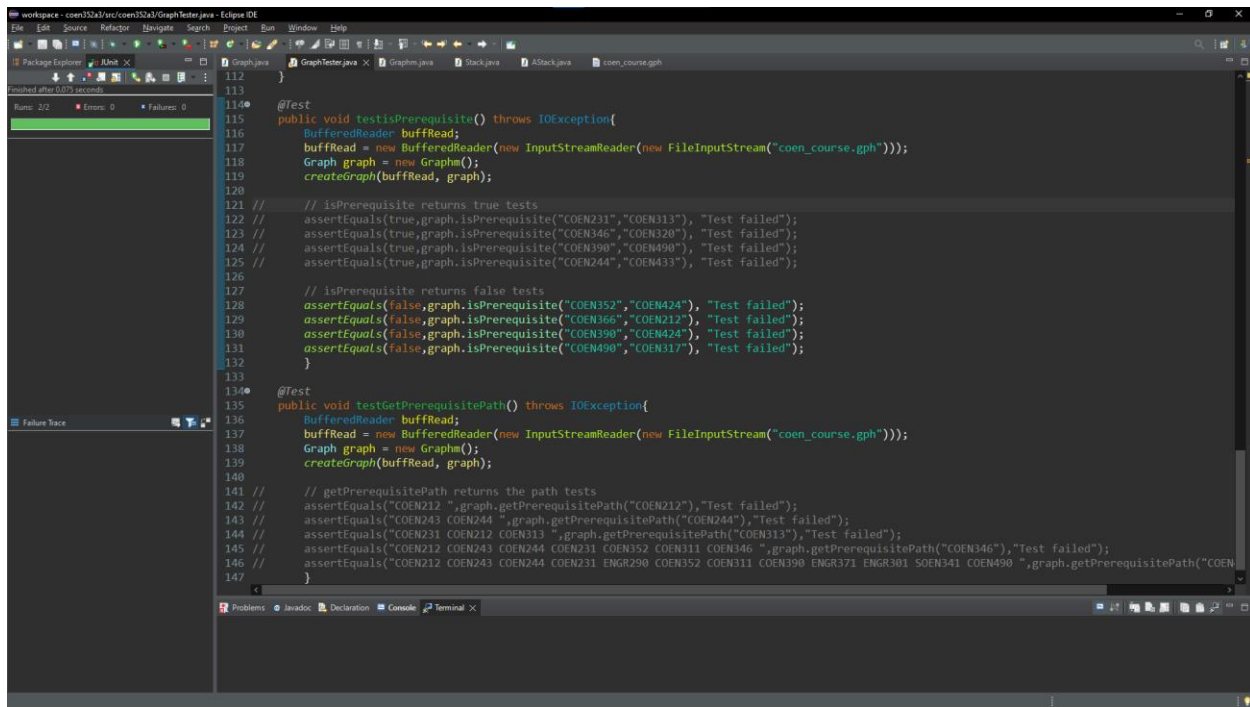
Running All Test Cases:

```
workspace - coen332a1src/coen332a1/GraphTester.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Explorer Run Console
GraphTester.java Graphm.java Stack.java Stack.java coen_course.gph
Finished after 0.03 seconds
Run: 2/2 Errors: 0 Failures: 0
1140 @Test
115 public void testIsPrerequisite() throws IOException{
116     BufferedReader buffRead;
117     buffRead = new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
118     Graph graph = new Graphm();
119     createGraph(buffRead, graph);
120
121     // isPrerequisite returns true tests
122     assertEquals(true,graph.isPrerequisite("COEN231","COEN313"), "Test failed");
123     assertEquals(true,graph.isPrerequisite("COEN346","COEN320"), "Test failed");
124     assertEquals(true,graph.isPrerequisite("COEN390","COEN490"), "Test failed");
125     assertEquals(true,graph.isPrerequisite("COEN244","COEN433"), "Test failed");
126
127     // isPrerequisite returns false tests
128     assertEquals(false,graph.isPrerequisite("COEN352","COEN424"), "Test failed");
129     assertEquals(false,graph.isPrerequisite("COEN366","COEN212"), "Test failed");
130     assertEquals(false,graph.isPrerequisite("COEN390","COEN424"), "Test failed");
131     assertEquals(false,graph.isPrerequisite("COEN490","COEN317"), "Test failed");
132 }
133
1340 @Test
135 public void testGetPrerequisitePath() throws IOException{
136     BufferedReader buffRead;
137     buffRead = new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
138     Graph graph = new Graphm();
139     createGraph(buffRead, graph);
140
141     // getPrerequisitePath returns the path tests
142     assertEquals("COEN212 ",graph.getPrerequisitePath("COEN212"), "Test failed");
143     assertEquals("COEN243 COEN244 ",graph.getPrerequisitePath("COEN244"), "Test failed");
144     assertEquals("COEN231 COEN212 COEN313 ",graph.getPrerequisitePath("COEN313"), "Test failed");
145     assertEquals("COEN212 COEN243 COEN244 COEN231 COEN352 COEN311 COEN346 ",graph.getPrerequisitePath("COEN346"), "Test failed");
146     assertEquals("COEN212 COEN243 COEN244 COEN231 ENGR290 COEN352 COEN311 COEN390 ENGR371 ENGR301 SOEN341 COEN490 ",graph.getPrerequisitePath("COEN
147 }
148 }
Problems Javadoc Declaration Console Terminal
```

Running Only First Test Cases:

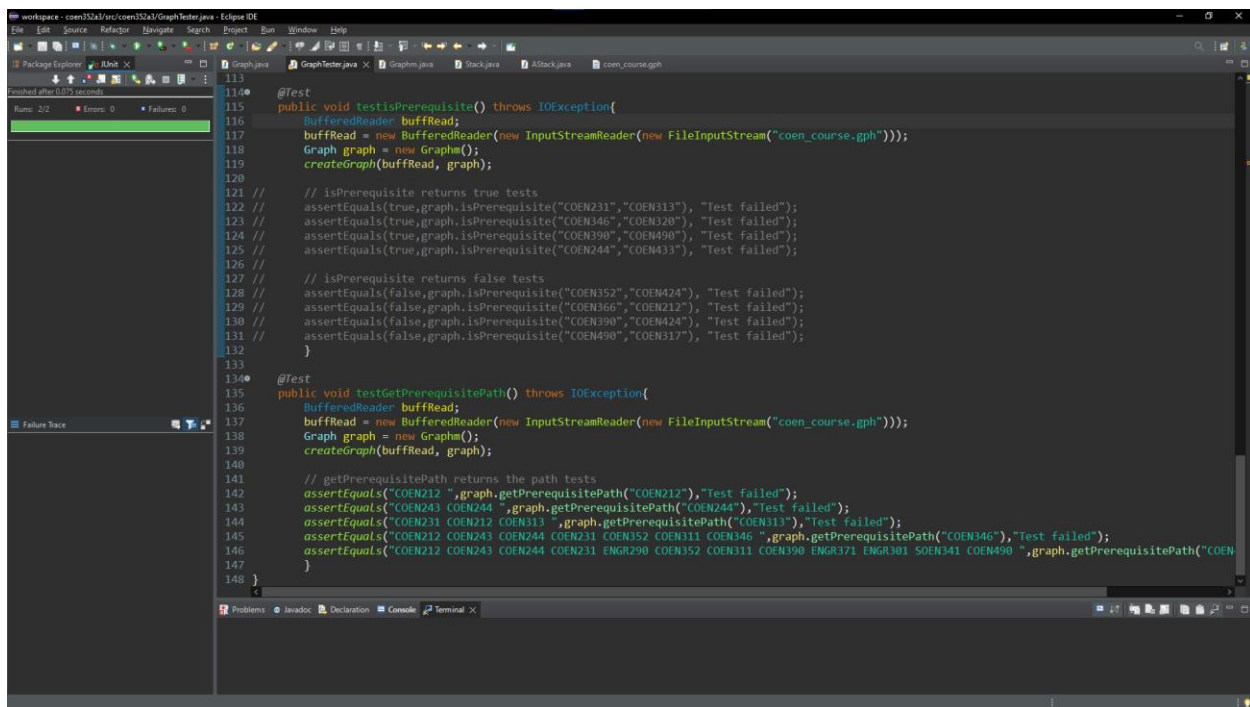
```
workspace - coen332a1src/coen332a1/GraphTester.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Explorer Run Console
GraphTester.java Graphm.java Stack.java Stack.java coen_course.gph
Finished after 0.03 seconds
Run: 2/2 Errors: 0 Failures: 0
1140 @Test
115 public void testIsPrerequisite() throws IOException{
116     BufferedReader buffRead;
117     buffRead = new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
118     Graph graph = new Graphm();
119     createGraph(buffRead, graph);
120
121     // isPrerequisite returns true tests
122     assertEquals(true,graph.isPrerequisite("COEN231","COEN313"), "Test failed");
123     assertEquals(true,graph.isPrerequisite("COEN346","COEN320"), "Test failed");
124     assertEquals(true,graph.isPrerequisite("COEN390","COEN490"), "Test failed");
125     assertEquals(true,graph.isPrerequisite("COEN244","COEN433"), "Test failed");
126
127     // isPrerequisite returns false tests
128     assertEquals(false,graph.isPrerequisite("COEN352","COEN424"), "Test failed");
129     assertEquals(false,graph.isPrerequisite("COEN366","COEN212"), "Test failed");
130     assertEquals(false,graph.isPrerequisite("COEN390","COEN424"), "Test failed");
131     assertEquals(false,graph.isPrerequisite("COEN490","COEN317"), "Test failed");
132 }
133
1340 @Test
135 public void testGetPrerequisitePath() throws IOException{
136     BufferedReader buffRead;
137     buffRead = new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
138     Graph graph = new Graphm();
139     createGraph(buffRead, graph);
140
141     // getPrerequisitePath returns the path tests
142     assertEquals("COEN212 ",graph.getPrerequisitePath("COEN212"), "Test failed");
143     assertEquals("COEN243 COEN244 ",graph.getPrerequisitePath("COEN244"), "Test failed");
144     assertEquals("COEN231 COEN212 COEN313 ",graph.getPrerequisitePath("COEN313"), "Test failed");
145     assertEquals("COEN212 COEN243 COEN244 COEN231 COEN352 COEN311 COEN346 ",graph.getPrerequisitePath("COEN346"), "Test failed");
146     assertEquals("COEN212 COEN243 COEN244 COEN231 ENGR290 COEN352 COEN311 COEN390 ENGR371 ENGR301 SOEN341 COEN490 ",graph.getPrerequisitePath("COEN
147 }
148 }
Problems Javadoc Declaration Console Terminal
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```

Running Only Second Test Cases:



```
workspace - coen352a1/uc/coen352a1/GraphTester.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Explorer
GraphTester.java X Graphm.java Stack.java Stack.java coen_course.gph
112
113
114 @Test
115 public void testIsPrerequisite() throws IOException{
116     BufferedReader buffRead;
117     buffRead = new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
118     Graph graph = new Graphm();
119     createGraph(buffRead, graph);
120
121     // isPrerequisite returns true tests
122     // assertEquals(true,graph.isPrerequisite("COEN231","COEN313"), "Test failed");
123     // assertEquals(true,graph.isPrerequisite("COEN346","COEN320"), "Test failed");
124     // assertEquals(true,graph.isPrerequisite("COEN390","COEN490"), "Test failed");
125     // assertEquals(true,graph.isPrerequisite("COEN244","COEN433"), "Test failed");
126
127     // isPrerequisite returns false tests
128     assertEquals(false,graph.isPrerequisite("COEN352","COEN424"), "Test failed");
129     assertEquals(false,graph.isPrerequisite("COEN366","COEN212"), "Test failed");
130     assertEquals(false,graph.isPrerequisite("COEN390","COEN424"), "Test failed");
131     assertEquals(false,graph.isPrerequisite("COEN490","COEN317"), "Test failed");
132 }
133
134 @Test
135 public void testGetPrerequisitePath() throws IOException{
136     BufferedReader buffRead;
137     buffRead = new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
138     Graph graph = new Graphm();
139     createGraph(buffRead, graph);
140
141     // getPrerequisitePath returns the path tests
142     assertEquals("COEN212 ",graph.getPrerequisitePath("COEN212"),"Test failed");
143     assertEquals("COEN243 COEN244 ",graph.getPrerequisitePath("COEN244"),"Test failed");
144     assertEquals("COEN231 COEN212 COEN313 ",graph.getPrerequisitePath("COEN313"),"Test failed");
145     assertEquals("COEN212 COEN243 COEN244 COEN231 COEN352 COEN311 COEN346 ",graph.getPrerequisitePath("COEN346"),"Test failed");
146     assertEquals("COEN212 COEN243 COEN244 COEN231 ENGR290 COEN352 COEN311 COEN390 ENGR371 ENGR301 SOEN341 COEN490 ",graph.getPrerequisitePath("COEN
147 }
148
Problems Javadoc Declaration Console Terminal X
Run: 2/2 Errors: 0 Failures: 0
Finished after 0.073 seconds
```

Running Only Third Test Cases:



```
workspace - coen352a1/uc/coen352a1/GraphTester.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Explorer
GraphTester.java X Graphm.java Stack.java Stack.java coen_course.gph
112
113
114 @Test
115 public void testIsPrerequisite() throws IOException{
116     BufferedReader buffRead;
117     buffRead = new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
118     Graph graph = new Graphm();
119     createGraph(buffRead, graph);
120
121     // isPrerequisite returns true tests
122     // assertEquals(true,graph.isPrerequisite("COEN231","COEN313"), "Test failed");
123     // assertEquals(true,graph.isPrerequisite("COEN346","COEN320"), "Test failed");
124     // assertEquals(true,graph.isPrerequisite("COEN390","COEN490"), "Test failed");
125     // assertEquals(true,graph.isPrerequisite("COEN244","COEN433"), "Test failed");
126
127     // isPrerequisite returns false tests
128     assertEquals(false,graph.isPrerequisite("COEN352","COEN424"), "Test failed");
129     assertEquals(false,graph.isPrerequisite("COEN366","COEN212"), "Test failed");
130     // assertEquals(false,graph.isPrerequisite("COEN390","COEN424"), "Test failed");
131     assertEquals(false,graph.isPrerequisite("COEN490","COEN317"), "Test failed");
132 }
133
134 @Test
135 public void testGetPrerequisitePath() throws IOException{
136     BufferedReader buffRead;
137     buffRead = new BufferedReader(new InputStreamReader(new FileInputStream("coen_course.gph")));
138     Graph graph = new Graphm();
139     createGraph(buffRead, graph);
140
141     // getPrerequisitePath returns the path tests
142     assertEquals("COEN212 ",graph.getPrerequisitePath("COEN212"),"Test failed");
143     assertEquals("COEN243 COEN244 ",graph.getPrerequisitePath("COEN244"),"Test failed");
144     assertEquals("COEN231 COEN212 COEN313 ",graph.getPrerequisitePath("COEN313"),"Test failed");
145     assertEquals("COEN212 COEN243 COEN244 COEN231 COEN352 COEN311 COEN346 ",graph.getPrerequisitePath("COEN346"),"Test failed");
146     assertEquals("COEN212 COEN243 COEN244 COEN231 ENGR290 COEN352 COEN311 COEN390 ENGR371 ENGR301 SOEN341 COEN490 ",graph.getPrerequisitePath("COEN
147 }
148 }
149
Problems Javadoc Declaration Console Terminal X
Run: 2/2 Errors: 0 Failures: 0
Finished after 0.073 seconds
```