

```

1  class Song {
2      String title ;
3      int lenInSeconds ;
4      Album onAlbum;
5
6      Song (String title, Integer lenInSeconds, Album on) {
7          this.title = title ;
8          this.lenInSeconds = lenInSeconds ;
9          this.onAlbum = on;
10     }
11
12     // detemines whether two songs are on the same album
13     boolean onSameAlbum(Song song1, Song song2) {
14         return (song1.onAlbum == song2.onAlbum);
15     }
16
17 }
18
19 class Album {
20     String artist;
21     String genre;
22
23     Album(String artist, String genre) {
24         this.artist = artist;
25         genre = genre;
26     }
27
28     // determines whether album's genre is "rock"
29     boolean hasRockMusic() {
30         return genre.equals("rock");
31     }
32 }
33
34 // ---THE EXAMPLES CLASS FILE -----
35
36 import static org.junit.Assert.*;
37 import org.junit.Test;
38
39 public class Examples {
40     public Examples() {}
41
42     marsalbum = new Album("Best of Mars", "rock");
43     song1 = new Song("Curiosity", 165, marsalbum);
44     song2 = new Song("Roving Around", 134, new Album("Best of Mars", "rock"));
45
46     @Test
47     public void test1 () {
48         assertTrue(song1.onSameAlbum(song1, song2));
49     }
50
51     @Test
52     public void test2 () {
53         assertTrue(album1.hasRockMusic());
54     }
55 }
56 }

```