



The screenshot shows the Eclipse IDE interface. On the left is the 'Project Explorer' showing a project named 'prog7' with files 'Example1.java', 'Main.java', 'ThrowDemo.java', and 'ThrowsDemo.java'. The 'Main.java' file is selected. The central editor displays the code for 'Main.java', which includes a 'Dog' class with methods 'getName()', 'getBreed()', 'getAge()', and 'getColor()', and an '@Override' method 'toString()'. The 'main' method creates a 'Dog' object named 'scott' and prints its 'toString()' output. The bottom of the screen shows the 'Console' tab with the output of the program.

```
15 public String getName()
16 {
17     return name;
18 }
19 public String getBreed()
20 {
21     return breed;
22 }
23 public int getAge()
24 {
25     return age;
26 }
27 public String getColor()
28 {
29     return color;
30 }
31 @Override
32 public String toString()
33 {
34     return ("Hi my name is " + this.getName() + ".\nMy breed,age and color are " + this.getBreed() + ", " + this.getAge() +
35 );
36 }
37 public static void main(String[] args) {
38     // TODO Auto-generated method stub
39     Dog scott = new Dog("Scott","papillon", 5, "black");
40     System.out.println(scott.toString());
41 }
42 }
43
44
45
```

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<terminated> Test (1) [Java Application] C:\Users\Srinivas\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.7.v20230425-1502\jre\bin\java.exe

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<terminated> Dog [Java Application] C:\Users\Srinivas\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot

Hi my name is Scott.

My breed, age and color are papillon, 5, and black.

Writable

Smart Insert

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