

Test 2: (Tested Through This Method in DotTreeGUI)

```
/**  
 * I inserted 7 dots near the center and I put a circle near the center which  
 * should capture all the dots.  
 * Then I added more dots around closer to the sides and put a larger circle  
 * that should  
 * only cover still the 7 circles in the center  
 */
```