

```
public static void exercise() {  
  
    /*  
  
    TASK:  
  
    Inspect the code, and uncomment the lines that would compile  
  
    and run and leave the ones that would break the code  
  
    */  
  
    LoginAuthentication stuff[] = new LoginAuthentication[3];  
  
    stuff[0] = new TextDatabase();  
  
    stuff[1] = new UselessApplication();  
  
    // stuff[2] = new DumbDatabase(); //- DumbDatabase doesn't implement LoginAuthentication interface  
  
    //  
  
    System.out.println(stuff[0].isAuthenticated());  
  
    System.out.println(stuff[1].encryptPassword("stealth"));  
  
    // System.out.println(stuff[1].playGame()); // playGame() is not a LoginAuthentication interface method  
  
    // System.out.println(stuff[0].doThing()); // doThing() is not a LoginAuthentication interface method  
  
    // System.out.println(stuff[2].isAuthenticated()); // stuff[2] was not constructed so it cannot call a method  
  
    //  
  
    // Database one = new Database(); // cannot construct an abstract class  
  
    //
```