

### Task 1: Singleton

Implement a Singleton class that manages database connections. Ensure the class adheres strictly to the singleton pattern principles.

```
package com.Day28;
```

```
public class SingletonDatabaseConnection {  
    private static SingletonDatabaseConnection instance;  
    private void DatabaseConnection() {  
        connection = createConnection();  
    }  
    private String createConnection() {  
        return "Database connection established";  
    }  
    private String connection;  
    public static synchronized SingletonDatabaseConnection getInstance() {  
        if (instance == null) {  
            instance = new SingletonDatabaseConnection();  
        }  
        return instance;  
    }  
    public String getConnection() {  
        return connection;  
    }  
    public static void main(String[] args) {
```

```
        SingletonDatabaseConnection db1 = SingletonDatabaseConnection.getInstance();  
        SingletonDatabaseConnection db2 = SingletonDatabaseConnection.getInstance();  
        System.out.println(db1.getConnection()); // Output: Database connection established  
        System.out.println(db2.getConnection()); // Output: Database connection established  
        System.out.println(db1 == db2); // Output: true
```

```
    }  
}
```