

```
// Singleton Class

public class ConfigurationManager {

    private static ConfigurationManager instance;

    private Properties properties;

    private ConfigurationManager() {

        properties = new Properties();

        // Load properties from file or environment

        // properties.load(...);

    }

    public static synchronized ConfigurationManager getInstance() {

        if (instance == null) {

            instance = new ConfigurationManager();

        }

        return instance;

    }

    public String getProperty(String key) {

        return properties.getProperty(key);

    }

    public void setProperty(String key, String value) {

        properties.setProperty(key, value);

    }

}
```

```
// Client code

public class SingletonPatternDemo {

    public static void main(String[] args) {

        ConfigurationManager config1 = ConfigurationManager.getInstance();

        ConfigurationManager config2 = ConfigurationManager.getInstance();


        config1.setProperty("appName", "MyApp");


        System.out.println(config2.getProperty("appName")); // Output: MyApp

        System.out.println(config1 == config2); // Output: true (both references point to the same instance)
    }
}
```