**UNaN**

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**Lab 07: Implementing SharedPreferences for Login Functionality**

**Overview of SharedPreferences Implementation:**

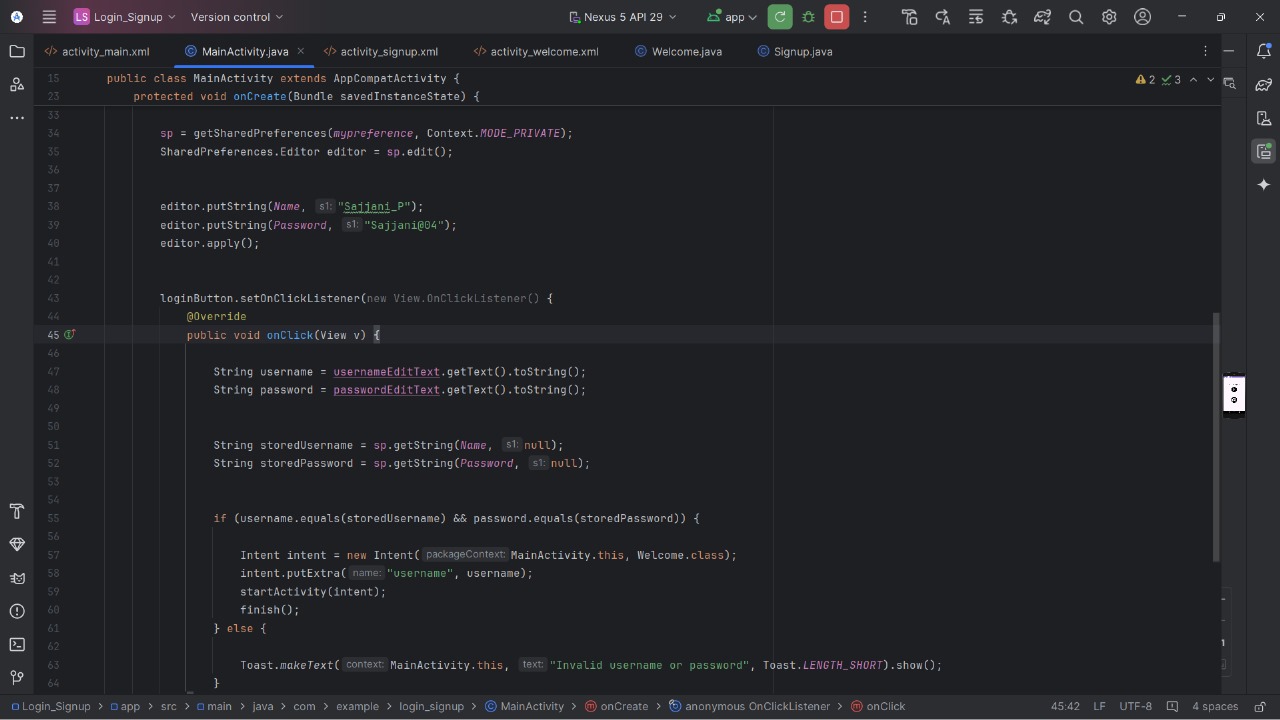
* Integrated SharedPreferences to store and retrieve user credentials for login validation.

**1.Declaration of SharedPreferences Variables:**

* **public static final String mypreference = "prefname";**
* **public static final String Name = "nameKey";**
* **public static final String Password = "pwdKey";**

**2.Initialization in onCreate Method:**

**sp = getSharedPreferences(mypreference, Context.MODE\_PRIVATE);**

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**3.Storing Default Credentials:**

**SharedPreferences.Editor editor = sp.edit();**

**editor.putString(Name, "Sajjani\_P");**

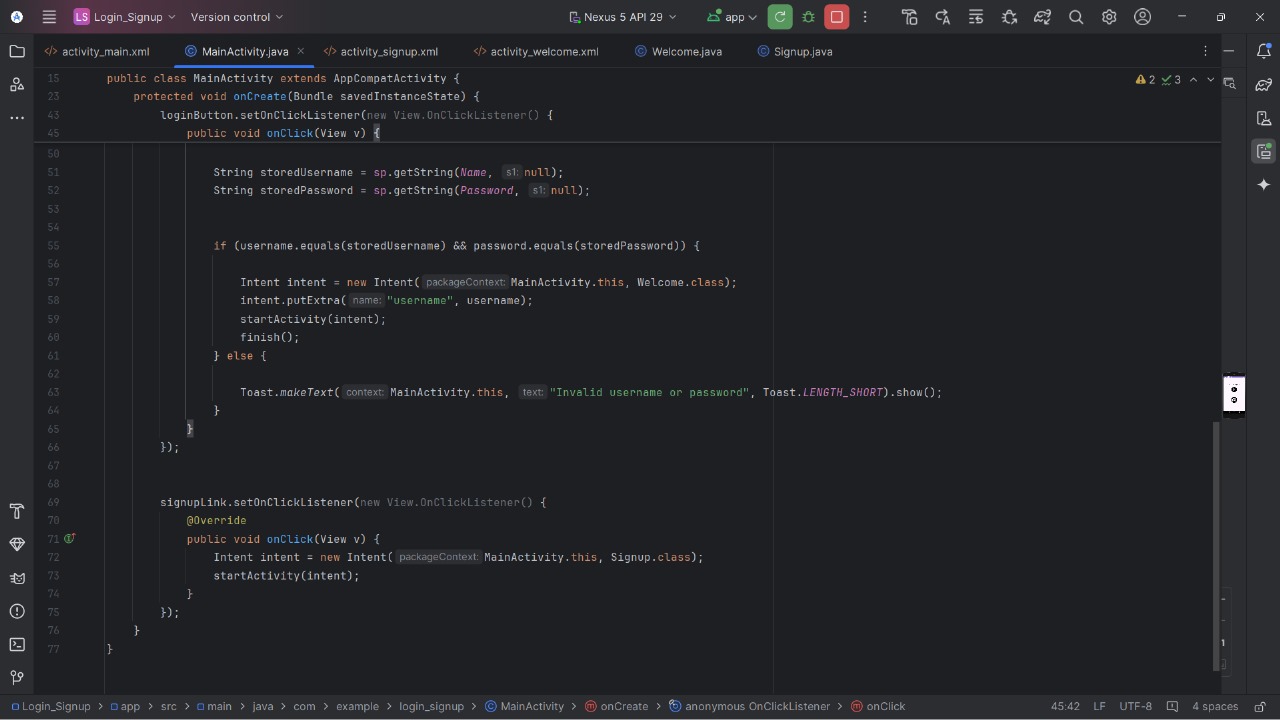
**editor.putString(Password, "sajjani@04");**

**editor.apply();**

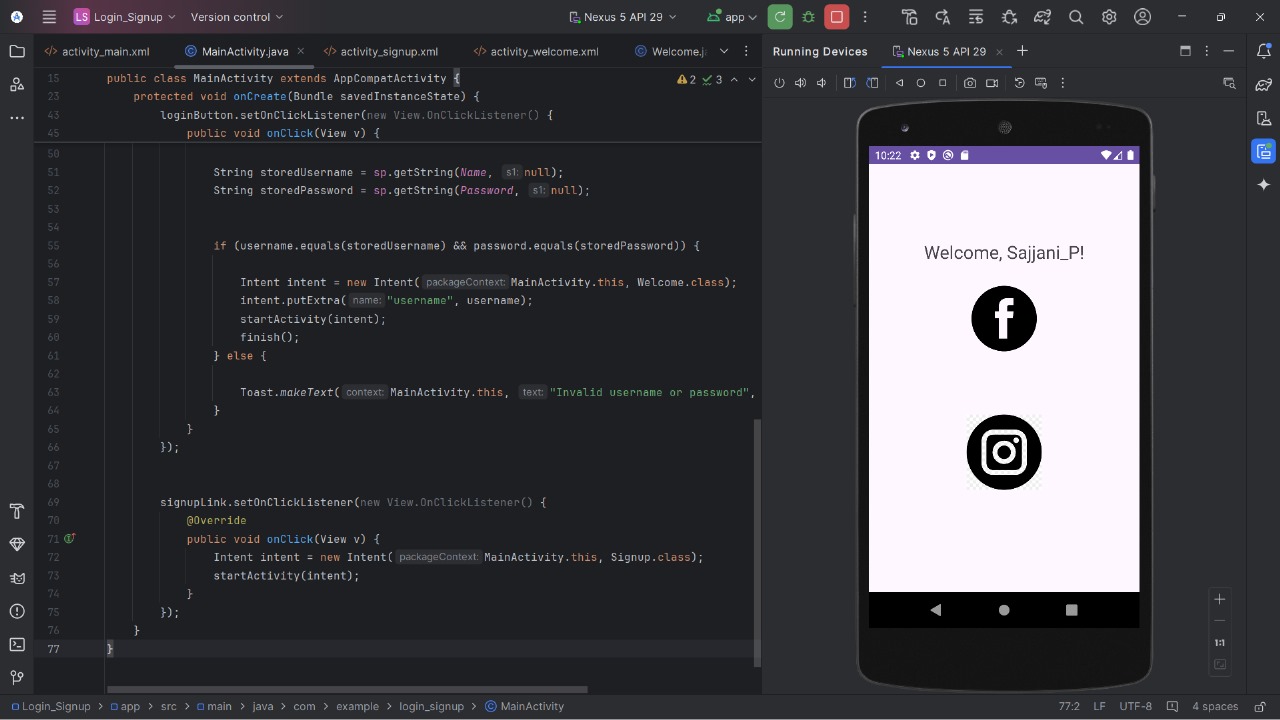
**4.Login Logic with SharedPreferences:**

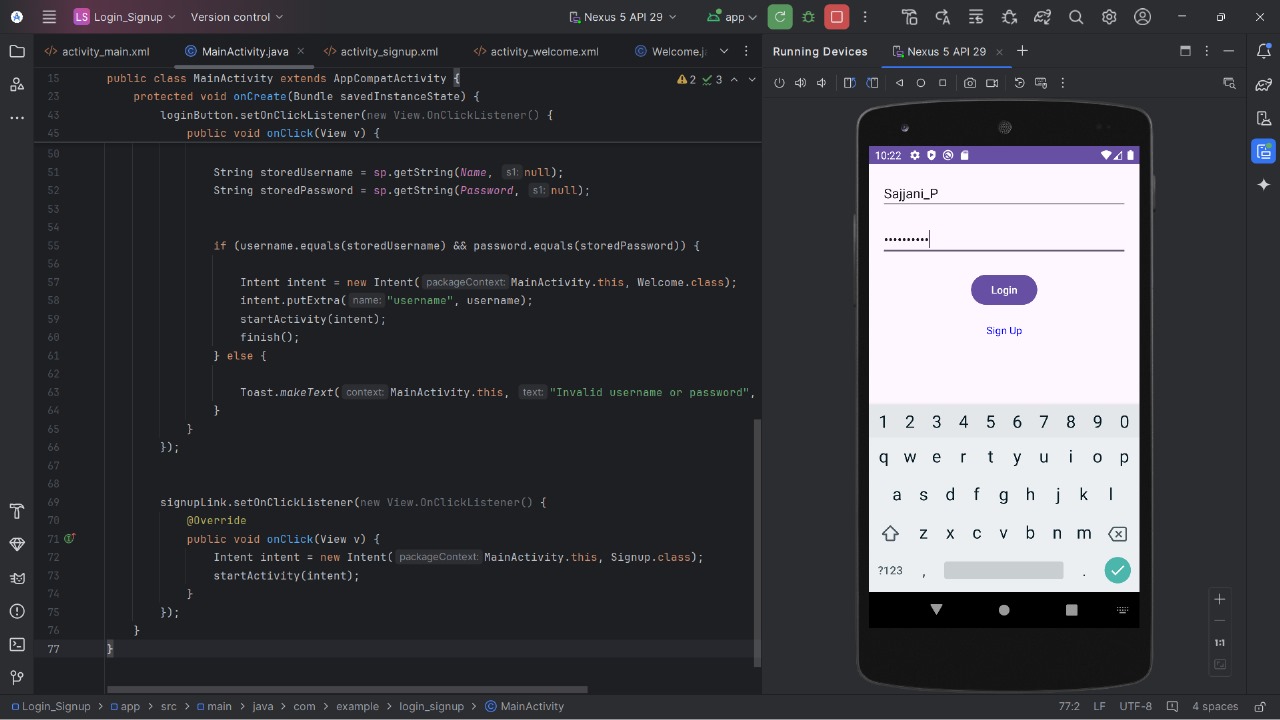
**String storedUsername = sp.getString(Name, null);**

**String storedPassword = sp.getString(Password, null);**

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**Output:**

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**Conclusion:**

The implementation of SharedPreferences successfully enables persistent storage of user credentials, specifically allowing login functionality with the username "Sajjani\_P" and password "sajjani@04" as the only valid login credentials.