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**Activity 3: 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);**

**3.Storing Default Credentials:**

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

**editor.putString(Name, "test");**

**editor.putString(Password, "12345");**

**editor.apply();**

**4.Login Logic with SharedPreferences:**

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

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

**Output:**

**Conclusion:**

* **The implementation of SharedPreferences allows for persistent storage of user credentials, facilitating authentication and enhancing the login functionality.**