

SharedPreferences

```
public static final String MY_SHARED_PREF_NAME1 =  
"MySharedPrefName1";
```

```
public void onClick_Save(View view) {  
    SharedPreferences.Editor editor =  
    getSharedPreferences(MY_SHARED_PREF_NAME1,  
MODE_PRIVATE).edit();
```

```
    editor.putString("School", "NUS");  
    editor.putInt("NumOfStudents", 10000);  
    editor.commit();
```

```
}
```

```
public void onClick_Retrieve(View view) {
```

```
    SharedPreferences prefs =  
    getSharedPreferences(MY_SHARED_PREF_NAME1,  
MODE_PRIVATE);
```

```
    String text = prefs.getString("School", null);
```

```
    if ( text != null) {  
        String school    = prefs.getString("School", "default school  
name");  
        int    nStudents = prefs.getInt("NumOfStudents", 0); // 0 is  
default value
```

```
        Toast.makeText(this, "school = "+school + ", number of  
students = " + nStudents, Toast.LENGTH_SHORT).show();  
    }  
}
```

Time

@TargetApi(24)

```
public void onClick_Time(View view) {  
    Calendar cal = Calendar.getInstance();  
    // set calendar to TODAY 6:00:00.000  
    cal.set(Calendar.HOUR_OF_DAY, 6);  
    cal.set(Calendar.MINUTE, 0);  
    cal.set(Calendar.SECOND, 0);  
    cal.set(Calendar.MILLISECOND, 0);  
  
    long startTimeInMilli = cal.getTimeInMillis();  
    cal.add(Calendar.HOUR_OF_DAY, 5); // add 5 hours  
    long TimeAfterInMilli = cal.getTimeInMillis();  
  
    Toast.makeText(this, "current Time in milliseconds: "+ startTimeInMilli,  
        Toast.LENGTH_SHORT).show();  
    Toast.makeText(this, "5 hours from now in milliseconds "+ TimeAfterInMilli,  
        Toast.LENGTH_SHORT).show();  
}
```