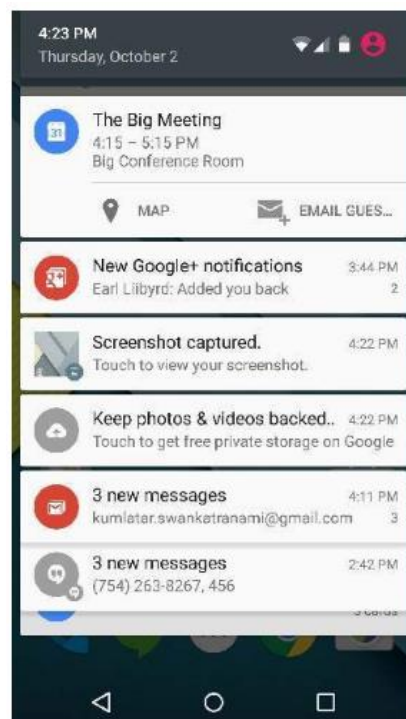


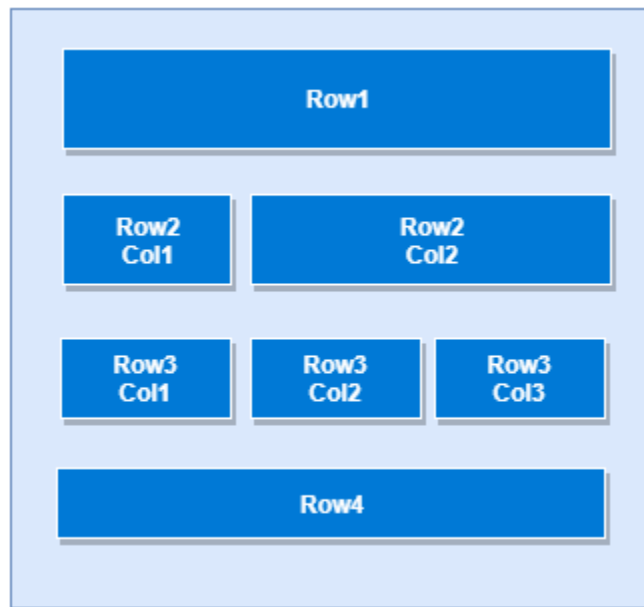
## Mobile Programming - Sheet 2

### Review question

1. Describe the significance of SQLite database in Android.
2. Write a program to display circular progress bar.
3. List sensors in Android and explain any one in detail.
4. Explain zoom control (IN / OUT) with the help of an example.
5. Develop an application to send and receive SMS. (Write ONLY .java and permission tag in manifest file)
6. Write a program to capture an image using camera and display it.
7. Develop an application to store student details like roll no, name, branch, marks, percentage and retrieve student information using roll no. in SQLite databases.
8. Write a program to locate user's current location. (Write ONLY .java and manifest file)
9. Write a program to display a basic notification bar with title "The Big Meeting" as shown below.



10. Write a program to display following output using suitable layout.



11. Enlist different ways to handle databases in android? Elaborate any one.
12. List different types of views? Explain Scroll view.
13. Name any 4 methods to get location data in android.
14. Build a GUI for Student table with 5 records, write queries to add, delete and view the records from the SQLite databases.
15. Describe types of permissions used while developing android applications.

*Best Wishes*