**Mobile Computing Lecture-wise Details:**

1. No Lecture.
2. I have learned to create repositories, learn new commands like git add, git commit, git push.
3. I have learned new commands like git branch. I have learned git commands like git pull, see git hierarchy, some issues in adding files to GitHub like merge conflicts and how to solve the problem. How to create, delete and move a branch. Also learn the introduction and evolution of **Android**.
4. Introduction to the Android Studio IDE in detail. Learn how to create a project in Android Studio. Also learn the files which are by default created with the project. Also learn the design pattern, constraint layout etc. Also learn how to run a project on different virtual devices.
5. In this lecture I have about views, view groups and saw the hierarchy of a view group. Also learn about layouts (Constraint layout and linear layout). Also learn how to add, move and delete a constraint in a constraint layout. Add buttons, text-views and run the program to see the output by using constraint layout.
6. I have learned the difference between Activity and Intent. Create more than one activity in the project and learn how to manage them. Also create a simple application by using intents and Main-Activities.
7. No Lecture.
8. Learn about Activity Life Cycle of an application (onCreate(), onStart(), onResume() etc).
9. Learn how to use android adapters. Learn to manage lists, use arrayList, arrayAdapter and create and a list by using adapters and array or arrayList. Also learn how to get a value of a list.
10. Learn how to create animations on images, texts etc. Also learn how to add scales (horizontally and vertically) in animations. Also learn how to use Array lists and make a list.
11. Learn how to connect an application to the database (SQL etc). Learn to get values from a input tag and display them through toast.
12. Learn how to create, update and delete a data in the database using Android Studio and also how to display them in a list and also how to change customize fonts.
13. Learn how to add Icons and tool-bars in the application. Also how to create a horizontal menu bar.
14. No Lecture.
15. Learn how to make a dialog box in Android studio. Learn to manage buttons in a dialog box, get values and display them in a dialog box.
16. Mid-Term Exams.
17. No Lecture.
18. No Lecture.