

Lab Exercise-10

Mobile and Application Development Lab

- (1) Create a two-activity application such that each of the activity contains a button, on clicking which another activity opens. Don't forget to caption buttons differently so that the activities can be recognized.
- (2) Create a Map Activity and set the position of the map to JUET, Guna. Change the colour of the marker to Green from default Red. Also zoom in the camera to an appropriate value.
- (3) Create an android application such that it detects your current position (latitude and longitude) and locate the same on the google map.
- (4) You must often have encountered situation when you are travelling in a train or bus, and you receive a phone call from your home asking about your location ("Beta kahan pahuche ?"). You are required to give a solution to this problem by making an app that would instantly tell you your approximate location so that you can tell the same to your worried parents.
- (5) When we visit new places, we often encounter some spots or virgin areas where tourists don't usually go but are so mesmerizing that you want to recommend such places to your friends. Making a list of such spots won't be a bad idea that you can share with your friends later. Saving sharing and storing tasks for future, you're required to create an app such that on long-pressing a location on the map, that location gets stored in an arraylist to be used to populate a list view on a different activity. On pressing an item in the list view, the same location should also be focused in a zoomed-in way in the map activity. Thus, you are required to use two activities in this problem. You can use, latitude, longitude, locality, admin area etc. to be displayed in the list view.