

## **Lab Exercise-5**

### **Mobile and Application Development Lab**

1. With the knowledge of using basic view types like image views, text views and button views, you are required to create a currency converter app that will convert an amount given in dollars to Indian rupees. Use some image to give an attractive look to your app. Use a text field where a user can input amount in dollars. Create a button, on clicking which a toast should appear showing the amount in INR. Find the current conversion rate online. You may require to convert a number string into double, use: `double num=Double.parseDouble(numstr);` you may also need to convert double back to the string; use: `String strnum=Double.toString(numdouble)`. In case you need to specify a string number rounded to 2 places after decimal; use `String strnum = String.format("%.2f", numberindouble);`
2. Create a simple app that contains two image views: one having an image of Modi, other having an image of Rahul. On clicking the Modi, Modi should disappear in 2 seconds and Rahul should appear. On clicking Rahul, Rahul should disappear in 2 seconds and Modi should appear.
3. Download you favorite superhero, and use `animate ( )`, `setDuration ( )`, `alpha ( )`, `scale` and `translation` methods to show a variety of effects.