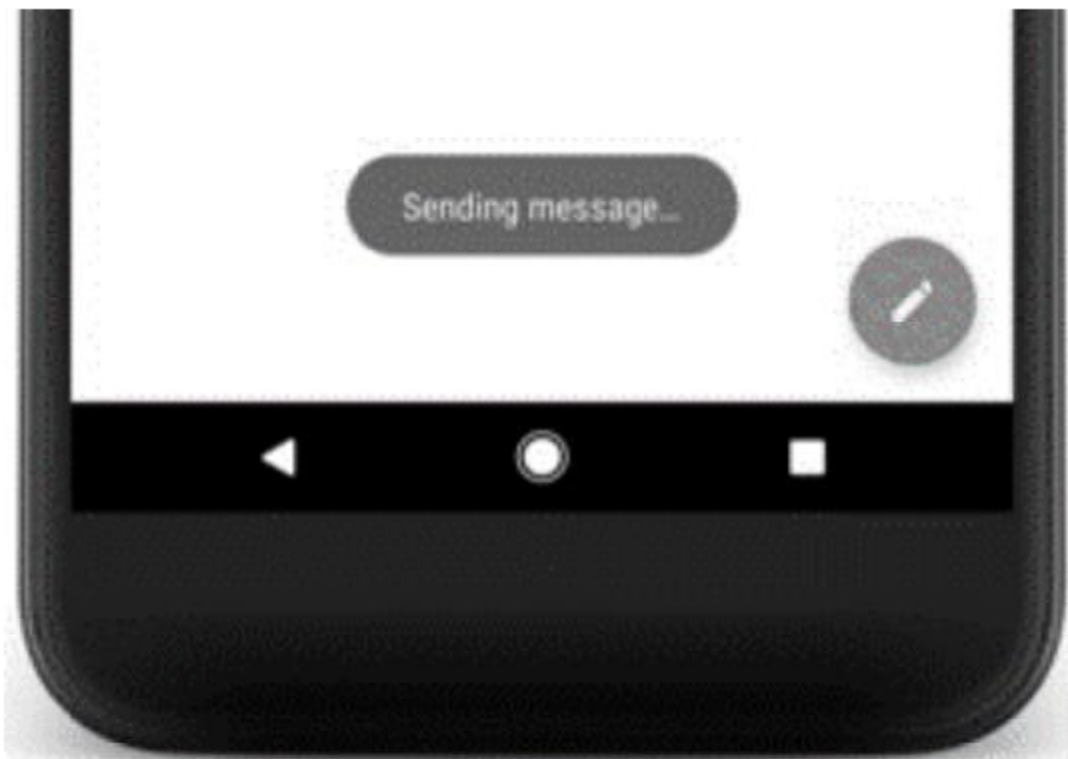# 10. Develop a program to implement Custom Toast Alert.

An Android Toast is a small message displayed on the screen, similar to a tool tip or other similar popup notification. Android Toast can be used to display information for a short period of time. A toast contains message to be displayed quickly and disappears after sometime. It provides simple feedback about an operation in a small popup. A Toast is displayed on top of the main content of an activity. For example, navigating away from an email before you send it triggers a "Draft Saved" toast to let you know that you can continue editing later.

A Toast provides simple feedback about an operation in a small popup. It only fills the amount of space required for the message and the current activity remains visible and interactive. Toasts automatically disappear after a timeout.

For example, clicking Send button on an email triggers a "Sending message ….." toast.

The android.widget.Toast class is the subclass of java.lang.Object class.

Toast messages are more for notifying the user that something has occurred. This might be that a download that has completed, that a new email has arrived, or some other occurrence that needs their attention.

Example to create a toast –

Toast toast = Toast.makeText(getApplicationContext(), "This is a message displayed in a Toast", Toast.LENGTH_SHORT);

toast.show();

The Toast.makeText() method is a factory method which creates a Toast object. The method takes 3 parameters. First the methods needs a Context object which is obtained by calling getApplicationContext().

Note: The getApplicationContext() method is a method that exists inside activities, so the above code has to be located in an Activity subclass to work.

The second parameter is the text to be displayed in the Toast.

The third parameter is the time duration the Toast is to be displayed.