Android Notification

Local Notification:

Create Notification Builder

```
NotificationCompat.Builder builder = new
NotificationCompat.Builder(this, "ID");
builder.setSmallIcon(R.drawable.ic_notifications_active_24);
builder.setContentText("Hello");
builder.setContentTitle("Notification");
builder.setAutoCancel(true);
```

Get Ready PendingIntent

```
Intent intent = new Intent(getApplicationContext(),
ReceiveActivity.class);
PendingIntent pendingIntent = PendingIntent.getActivity(this, 10,
intent, PendingIntent.FLAG_UPDATE_CURRENT);
builder.setContentIntent(pendingIntent);
```

Use of Notification Manager

```
int id=(int)System.currentTimeMillis();

if (Build.VERSION.SDK_INT > Build.VERSION_CODES.O){

    NotificationChannel channel=new
NotificationChannel("ID","demo",NotificationManager.IMPORTANCE_HIGH);
    notificationManager.createNotificationChannel(channel);
    notificationManager.notify(id, builder.build());

}else {

    notificationManager.notify(id, builder.build());
}
```

Cloud Notification

Add library:

```
implementation 'com.google.firebase:firebase-analytics:18.0.0'
implementation 'com.google.firebase:firebase-messaging:21.0.0'
```

add a service

```
@Override
public void onMessageReceived(@NonNull RemoteMessage remoteMessage) {
    super.onMessageReceived(remoteMessage);


    String title = remoteMessage.getNotification().getTitle();
    String body = remoteMessage.getNotification().getBody();
```

Use Subcribe:

```
FirebaseMessaging.getInstance().subscribeToTopic("news");
```

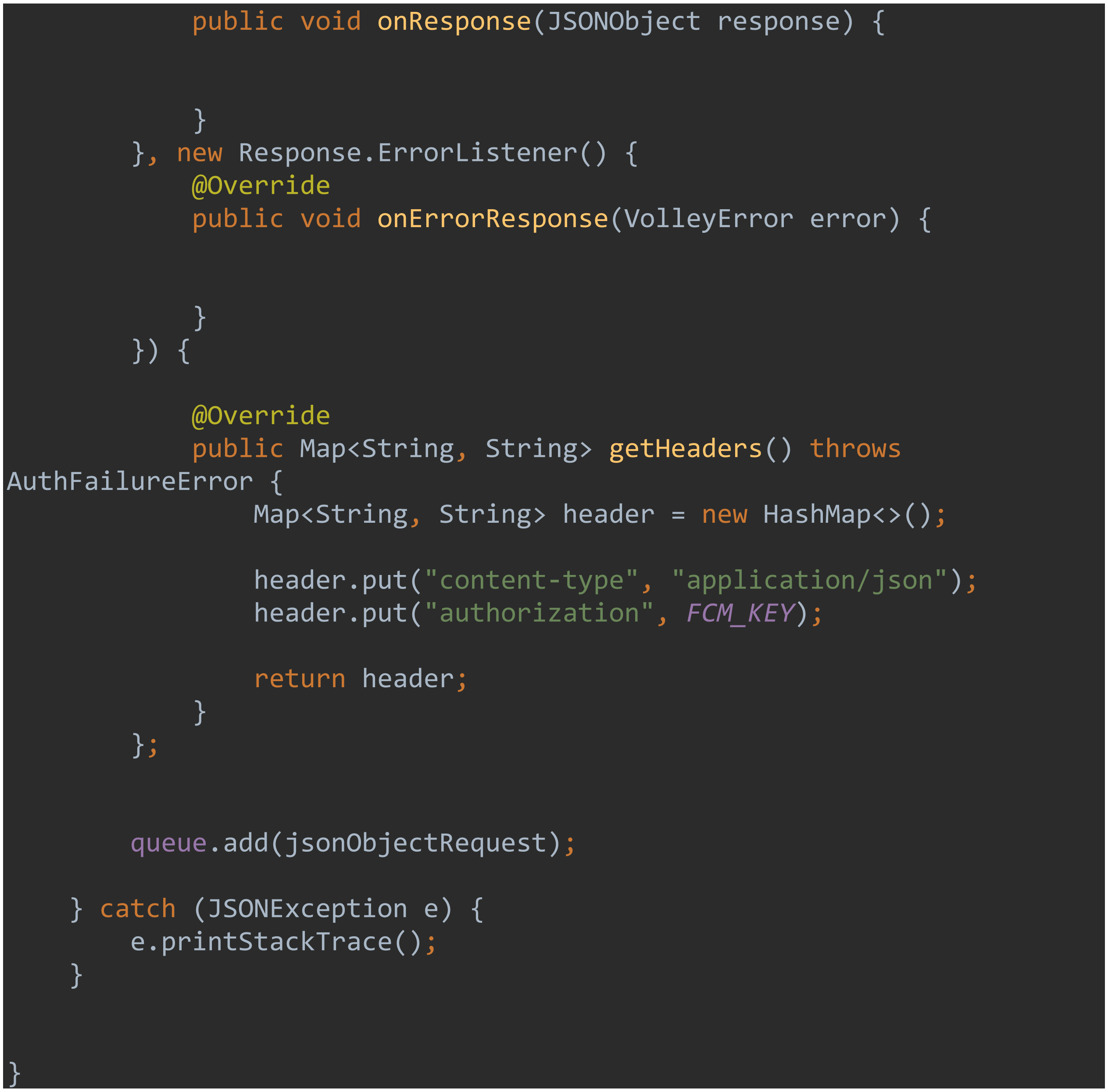
Custom Notification:

Set static value

```
RequestQueue requestQueue;
final static String FCM_KEY
="key=AAAAvEqdf64:APA91bFfEGAqZYm2SBapyMPaxcHuL1q_rrCKZzGVuDyQVKLh-
j8bZCewdhxBHCK5xsutAKQ9MldZywcrN9ZjgsFJfuuLu1CjFpnbC2cvjZFpWUcBV4M1FfJ
q9J_gSShpNENSThZkgFAz";
final static String url = "https://fcm.googleapis.com/fcm/send";
```

Create A method

```
private void D2DNotification() {




    JSONObject json = new JSONObject();
    try {
        json.put("to", "/topics/" + "news");

              JSONObject notifObj = new JSONObject();

              notifObj.put("title", "any title");
              notifObj.put("body", "any bdy");


               JSONObject extraData = new JSONObject();

                extraData.put("brand", "bata");
                extraData.put("cattegory", "shoe");

        json.put("notification", notifObj);
        json.put("data", extraData);


        JsonObjectRequest jsonObjectRequest = new
JsonObjectRequest(Request.Method.POST, url, json, new
Response.Listener<JSONObject>() {
            @Override
```



```
            public void onResponse(JSONObject response) {


            }
        }, new Response.ErrorListener() {
            @Override
            public void onErrorResponse(VolleyError error) {


            }
        }) {

            @Override
            public Map<String, String> getHeaders() throws
AuthFailureError {
                Map<String, String> header = new HashMap<>();

                header.put("content-type", "application/json");
                header.put("authorization", FCM_KEY);

                return header;
            }
        };


        queue.add(jsonObjectRequest);

    } catch (JSONException e) {
        e.printStackTrace();
    }


}
```