

Question**Create an android application to generate notification****Main Activity.java**

```
package com.maharashtracollege.profshahidansari;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.NotificationCompat;
import androidx.core.app.NotificationManagerCompat;

import android.app.NotificationChannel;
import android.app.NotificationManager;
import android.os.Build;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

import java.nio.channels.Channel;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

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

            String description = "This is description";
            int importance = NotificationManager.IMPORTANCE_DEFAULT;
            NotificationChannel notificationChannel = new NotificationChannel("My
Notification", "Simple Notification", importance);
            notificationChannel.setDescription(description);
            NotificationManager
notificationManager = (NotificationManager) getSystemService(NOTIFICATION_SERVICE);
            notificationManager.createNotificationChannel(notificationChannel);
        }
        NotificationCompat.Builder builder = new NotificationCompat.Builder(this, "My Notification");
        builder.setContentTitle("Notification from Prof. Shahid");
        builder.setSmallIcon(R.drawable.ic_launcher_background);

        builder.setAutoCancel(true);
    }
}
```

```
builder.setText("Small Notification");

NotificationManagerCompat manager = NotificationManagerCompat.from(this);
manager.notify(999,builder.build());
}
```

Output

