Alarm Clock generation Using Java in Android Studio

Main Activity:-

```
import java.time.LocalDateTime;
oublic class MainActivity extends AppCompatActivity {
   String settime1=new String();
   String ampm=new String();
   protected void onCreate(Bundle savedInstanceState) {
       currenttime=findViewById(R.id.currenttime);
       gtam=findViewById(R.id.tvam);
       gtmin=findViewById(R.id.edittextmin);
       Date d=new Date();
           public void onClick(View view) {
```

```
gtpm.setOnClickListener(new View.OnClickListener() {
            public void onClick(View view) {
            tvsettim.setOnClickListener(new View.OnClickListener() {
tm=Integer.parseInt(String.valueOf(gthour.getText())+String.valueOf(gtmin.get
str1=Integer.parseInt(currentDateTimeString.substring(0,2)+currentDateTimeStr
ing.substring(3,5));
                    long triggerTime=System.currentTimeMillis()+(str2*1000);
alarmManager.set(AlarmManager.RTC WAKEUP, triggerTime, pendingIntent);
```

```
Toast.LENGTH_SHORT).show();
}
}
```

My Receiver java fie:-

```
package com.example.alarm;
import android.content.BroadcastReceiver;
import android.content.Context;
import android.media.MediaPlayer;
import android.provider.Settings;

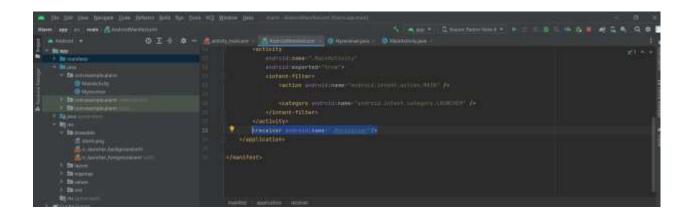
public class Myreceiver extends BroadcastReceiver {
    MediaPlayer m1;
    @Override
    public void onReceive(Context context, Intent intent) {
        m1=MediaPlayer.create(context, Settings.System.DEFAULT_RINGTONE_URI);
        m1.setLooping(true);
        m1.start();
    }
}
```

xml file:-

```
android:text="a"
</LinearLayout>
<TextView
    android:textSize="30dp"
<LinearLayout
    android:orientation="horizontal">
    <EditText
    <TextView
        android:textSize="40dp"/>
        android:textColorHint="@color/white"
    <LinearLayout
        android:gravity="center"
```

```
<TextView
       </LinearLayout>
   </LinearLayout>
       android:textColor="@color/white"
       android:textAlignment="center"/>
       android:textAlignment="center"/>
   <TextView
       android:textSize="50dp"
</LinearLayout>
```

<receiver android:name=".Myreceiver"/>



Outputs:-

