Service

Код программы:

Activity:

```
protected void onCreate(Bundle savedInstanceState) {
                myService = binder.getService();
MyService.class);
        btnStartService.setOnClickListener(new View.OnClickListener() {
```

```
btnBindService.setOnClickListener(new View.OnClickListener() {
Toast.LENGTH SHORT).show();
        btnGoService.setOnClickListener(new View.OnClickListener() {
```

Service:

```
package com.example.service;
import android.app.Service;
import android.content.Intent;
import android.os.Binder;
import android.os.IBinder;
import android.util.Log;

public class MyService extends Service {
```

```
MyService getService() {
startId);
       MyService();
       return super.onStartCommand(intent, flags, startId);
    public void onDestroy() {
    public String MyService() {
```

Layout:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
   xmlns:android="http://schemas.android.com/apk/res/android"
   android:orientation="vertical"
   android:layout_width="fill_parent"
   android:layout_height="wrap_content">
   <Button
   android:id="@+id/btnStartService"</pre>
```

Контрольные вопросы:

Когда происходит создание и удаление связанного сервиса?

Ответ: Создание связанного происходит при вызове метода bindService (intent, connection, context), удаление при вызове unbindService(connection)

Какие методы жизненного цикла вызываются у сервиса и в какой последовательности?

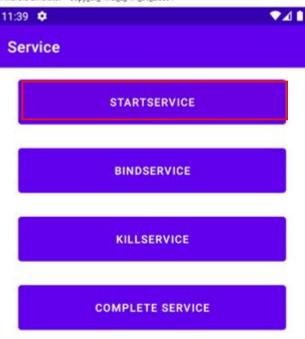
Ответ: При создании связанного сервиса - onCreate(), onBind(). При использовании startService() - onStartCommand()

Как соотносится ЖЦ активности и сервиса?

Ответ: Есть методы onCreate(), onDestroy()

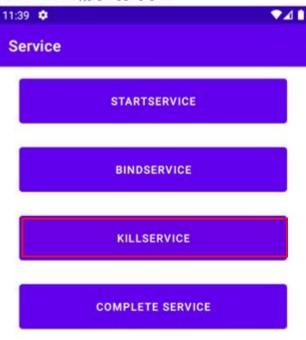
Работа приложения:





```
→ ■
```

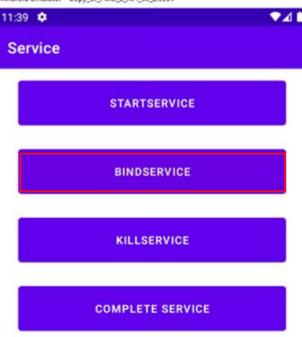
```
2022-02-18 11:45:38.788 15107-15107/com.example.service D/SERVICE: Service has started 2022-02-18 11:45:38.789 15107-15107/com.example.service D/SERVICE: onStartCommand: Intent { cmp=com.example.service/.MyService }0 startId: 1 2022-02-18 11:45:38.789 15107-15107/com.example.service D/SERVICE: Number: 0 2022-02-18 11:45:38.789 15107-15107/com.example.service D/SERVICE: Number: 99999 2022-02-18 11:45:38.788 15107-15107/com.example.service D/SERVICE: Service has started 2022-02-18 11:45:38.789 15107-15107/com.example.service D/SERVICE: Number: 0 2022-02-18 11:45:38.789 15107-15107/com.example.service D/SERVICE: Number: 0 2022-02-18 11:45:38.789 15107-15107/com.example.service D/SERVICE: Number: 0 2022-02-18 11:45:38.789 15107-15107/com.example.service D/SERVICE: Number: 99999
```





2022-02-18 11:46:44.389 15107-15107/com.example.service D/SERVICE: Service has been destroyed!

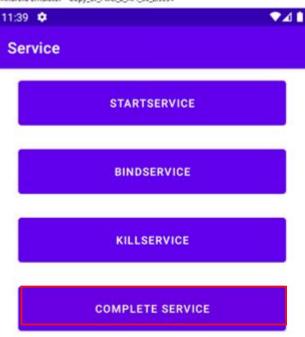
2022-02-18 11:46:44.389 15107-15107/com.example.service D/SERVICE: Service has been destroyed!





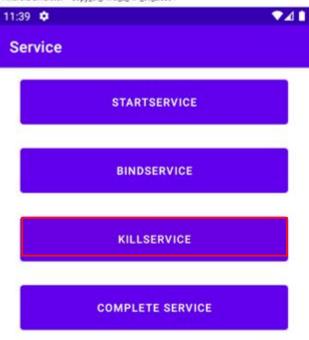
2022-02-18 11:48:49.479 15107-15107/com.example.service D/SERVICE: Service has started 2022-02-18 11:48:49.480 15107-15107/com.example.service D/SERVICE: Service binded

2022-02-18 11:48:49.479 15107-15107/com.example.service D/SERVICE: Service has started 2022-02-18 11:48:49.480 15107-15107/com.example.service D/SERVICE: Service binded





2022-02-18 11:48:53.182 15107-15107/com.example.service D/SERVICE: Number: 0 2022-02-18 11:48:53.182 15107-15107/com.example.service D/SERVICE: Number: 99999 2022-02-18 11:48:53.182 15107-15107/com.example.service D/SERVICE: Number: 0 2022-02-18 11:48:53.182 15107-15107/com.example.service D/SERVICE: Number: 99999





2022-02-18 11:48:55.542 15107-15107/com.example.service D/SERVICE: MyService onUnbind

2022-02-18 11:48:55.542 15107-15107/com.example.service D/SERVICE: Service has been destroyed!

2022-02-18 11:48:55.542 15107-15107/com.example.service D/SERVICE: MyService onUnbind

2022-02-18 11:48:55.542 15107-15107/com.example.service D/SERVICE: Service has been destroyed!