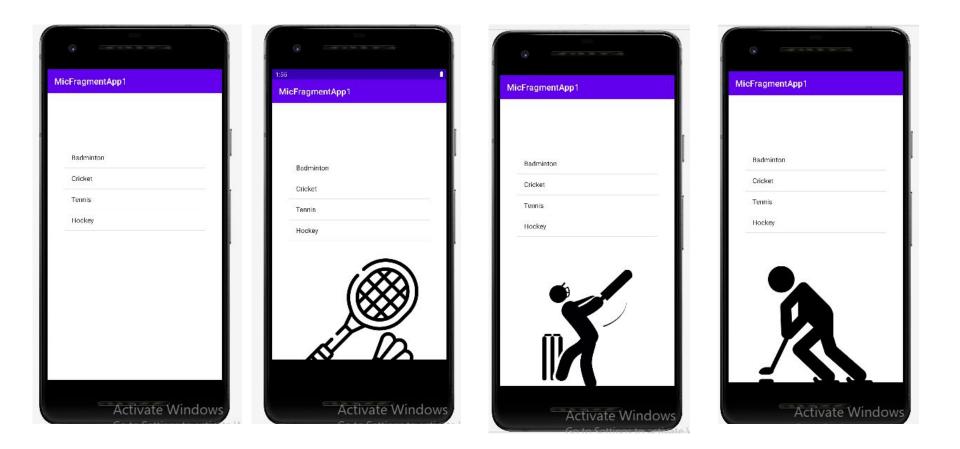
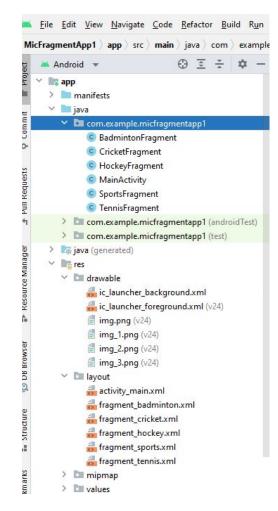
# Mobile application to demonstrate Dynamic Fragment

### Experiment - 6



## File Structure in the app



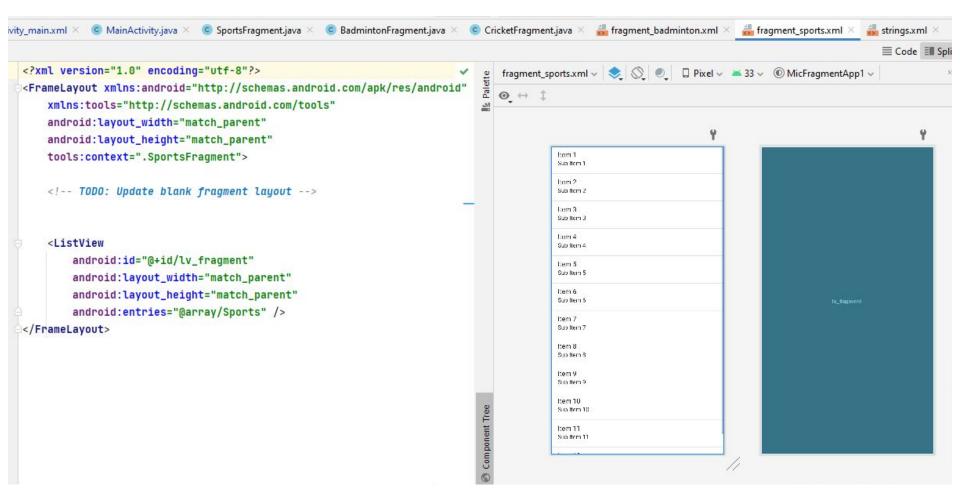


#### Main Activity

```
ft=fmgr.beginTransaction();
        int option=result.getInt( key: "SelectedItemIndex");
        switch(option)
                case 0:ft.replace(R.id.ll_bottom, new BadmintonFragment());
                             break;
                case 1:ft.replace(R.id.ll_bottom, new CricketFragment());
                        break;
                case 2:ft.replace(R.id.ll_bottom, new TennisFragment());
                        break;
                case 3:ft.replace(R.id.ll_bottom, new HockeyFragment());
                        break;
                default:ft.replace(R.id.ll_bottom, new HockeyFragment());
        ft.commit();
   });
   ft = fmgr.beginTransaction();
   ft.add(R.id.ll_top,csef);ft.commit();
catch (Exception ex)
    Log.d( tag: "INITIAL ERROR:->", msg: "onCreate: "+ex.getMessage());
    Toast.makeText( context: this, ex.getMessage(), Toast.LENGTH_SHORT).show();
```

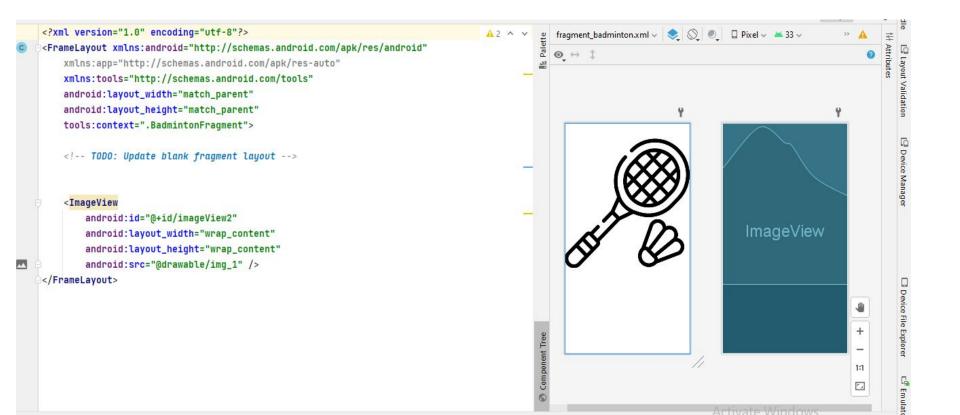
	<pre><androidx.constraintlayout.widget.constraintlayout< pre=""></androidx.constraintlayout.widget.constraintlayout<></pre>	~ ~	tte	activity_main.xml ~	ی ک	🛛 Pixel 🗸	🛋 33 🗸	**	Ð
	xmlns:android="http://schemas.android.com/apk/res/android"	1	Pale	⊙ 😺 _0dp _∫×	× 提 = I				0
	<pre>xmlns:app="http://schemas.android.com/apk/res-auto"</pre>		<u>.</u>		·	•			
	<pre>xmlns:tools="http://schemas.android.com/tools"</pre>								
	android:layout_width="match_parent"								11
	android:layout_height="match_parent"					Y			Y
	tools:context=".MainActivity"				1 T				
1	android:id="@+id/main_activity_layout">	-			128			128	
-	<pre><linearlayout< pre=""></linearlayout<></pre>								
	android:id="@+id/ll_top"	-							
	android:layout_width="331dp"								
	android:layout_height="279dp"			HAM-		-/*	<b>4</b> <i>n</i> -		
	android:layout_marginTop="128dp"								
	android:orientation="horizontal"								
	app:layout_constraintEnd_toEndOf="parent"								
	app:layout_constraintStart_toStartOf="parent"					1			
	<pre>app:layout_constraintTop_toTopOf="parent"&gt;</pre>								
-	<pre><linearlayout< pre=""></linearlayout<></pre>			32					
	android:id="@+id/ll_bottom" android:layout_width="331dp"			Mr-		-/*	41-	4	
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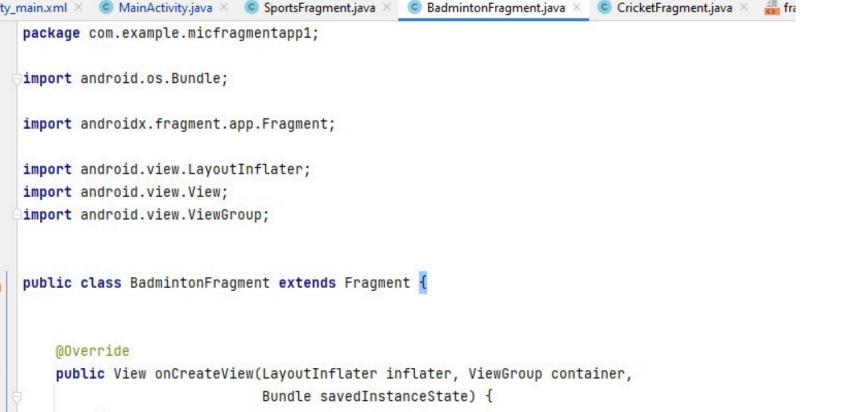
### Sports Fragment - display a list in top Linear Layout of activity



```
main.xml 🗶 💿 MainActivity.java 🗴 💿 SportsFragment.java 🗡 💿 BadmintonFragment.java 🗶 💿 CricketFragment.java 🗡 🍰 fragment_badminton.xr
public class SportsFragment extends Fragment implements AdapterView.OnItemClickListener
{ ListView lv;
    public SportsFragment() { }
  @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_sports, container, attachToRoot: false);
    }
    @Override
    public void onViewCreated(@NonNull View view, @Nullable Bundle savedInstanceState)
        lv=(ListView)view.findViewById(R.id.lv_fragment);
        lv.setOnItemClickListener(this);
        super.onViewCreated(view, savedInstanceState);
    }
   @Override
    public void onItemClick(AdapterView<?> adapterView, View view, int i, long l)
    { try { Toast.makeText(getContext(),lv.getItemAtPosition(i).toString(), Toast.LENGTH_SHORT).show();
                Bundle bun=new Bundle();
                bun.putInt("SelectedItemIndex",i);
                getParentFragmentManager().setFragmentResult
                        ( requestKey: "requestKey", bun);
        catch(Exception ex)
            Log.d( tag: "MIC EXCEPTION", msg: "onItemClick: "+ex.getMessage());
            Toast.makeText(getContext(), ex.getMessage(), Toast.LENGTH_SHORT).show();
        }
```

#### Badminton Fragment - Design - XML file





// Inflate the layout for this fragment

return inflater.inflate(R.layout.fragment\_badminton, container, attachToRoot: false);

Just like Badminton Fragment, Prepare remaining fragments

Ex:- cricket, Tennis & Hockey