**🡨MainActivity.java🡪**

package com.example.exp\_07;

import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;

import androidx.viewpager2.widget.ViewPager2;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

getSupportActionBar().hide();

setContentView(R.layout.activity\_main);

ViewPager2 viewPager = findViewById(R.id.viewPager);

// Simple array of images

int[] images = {R.drawable.image1, R.drawable.image2, R.drawable.image3};

// Set adapter to handle images

ImageSliderAdapter adapter = new ImageSliderAdapter(images);

viewPager.setAdapter(adapter);

}

}

**🡨ImageSliderAdapter.java🡪**

package com.example.exp\_07;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.ImageView;

import androidx.annotation.NonNull;

import androidx.recyclerview.widget.RecyclerView;

public class ImageSliderAdapter extends RecyclerView.Adapter<ImageSliderAdapter.ViewHolder> {

private int[] images;

public ImageSliderAdapter(int[] images) {

this.images = images;

}

@NonNull

@Override

public ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {

View view = LayoutInflater.from(parent.getContext())

.inflate(R.layout.slider\_item, parent, false);

return new ViewHolder(view);

}

@Override

public void onBindViewHolder(@NonNull ViewHolder holder, int position) {

holder.imageView.setImageResource(images[position]);

}

@Override

public int getItemCount() {

return images.length;

}

public static class ViewHolder extends RecyclerView.ViewHolder {

ImageView imageView;

public ViewHolder(@NonNull View itemView) {

super(itemView);

imageView = itemView.findViewById(R.id.imageView);

}

}

}

**🡨activity\_main.xml🡪**

<androidx.constraintlayout.widget.ConstraintLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<androidx.viewpager2.widget.ViewPager2

android:id="@+id/viewPager"

android:layout\_width="0dp"

android:layout\_height="300dp"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginHorizontal="16dp" />

</androidx.constraintlayout.widget.ConstraintLayout>

**🡨slideritem.xml🡪**

<?xml version="1.0" encoding="utf-8"?>

<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<ImageView

android:id="@+id/imageView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:scaleType="fitCenter"

android:background="#CCC" />

</FrameLayout>