activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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"
    android:background="#F0F0F0">

    <ImageButton
        android:id="@+id/btnPrevious"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:src="@drawable/ic_arrow_left"
        android:background="@android:color/transparent"
        android:layout_centerVertical="true"
        android:layout_alignParentStart="true"
        android:layout_marginStart="16dp"/>

    <androidx.viewpager2.widget.ViewPager2
        android:id="@+id/viewPager"
        android:layout_width="match_parent"
        android:layout_height="500dp"
        android:layout_toStartOf="@id/btnNext"
        android:layout_toEndOf="@id/btnPrevious"
        android:layout_centerInParent="true"
        android:layout_margin="16dp"/>

    <ImageButton
        android:id="@+id/btnNext"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:src="@drawable/ic_arrow_right"
        android:background="@android:color/transparent"
        android:layout_centerVertical="true"
        android:layout_alignParentEnd="true"
        android:layout_marginEnd="16dp"/>

    <com.google.android.material.tabs.TabLayout
        android:id="@+id/tabIndicator"
        android:layout_width="117dp"
        android:layout_height="23dp"
        android:layout_below="@id/viewPager"
        android:layout_centerHorizontal="true"
        app:tabBackground="@drawable/tab_selector"
        app:tabGravity="center"
        app:tabIndicatorHeight="0dp"
        app:tabPaddingEnd="8dp"
        app:tabPaddingStart="8dp" />
```

```
</RelativeLayout>
```

item_image_slider.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.cardview.widget.CardView 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"
  android:layout_margin="8dp"
  app:cardCornerRadius="12dp"
  app:cardElevation="8dp">

  <ImageView
    android:id="@+id/imageSlider"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:scaleType="centerCrop"/>

</androidx.cardview.widget.CardView>
```

ImageSliderAdapter.java

```java
package com.example.expt7;
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.ImageSliderViewHolder> {
  private final int[] images;
```

MainActivity.java

```java
package com.example.expt7;

import android.os.Bundle;
import android.view.View;
import android.widget.ImageButton;
import androidx.appcompat.app.AppCompatActivity;
import androidx.viewpager2.widget.ViewPager2;
```

```java
import com.google.android.material.tabs.TabLayout;
import com.google.android.material.tabs.TabLayoutMediator;

public class MainActivity extends AppCompatActivity {

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

        ViewPager2 viewPager = findViewById(R.id.viewPager);
        ImageButton btnPrevious = findViewById(R.id.btnPrevious);
        ImageButton btnNext = findViewById(R.id.btnNext);
        TabLayout tabIndicator = findViewById(R.id.tabIndicator);

        int[] images = {
            R.drawable.one,
            R.drawable.two,
            R.drawable.three,
            R.drawable.four,
            R.drawable.five,
            R.drawable.six,
            R.drawable.seven
        };

        ImageSliderAdapter adapter = new ImageSliderAdapter(images);
        viewPager.setAdapter(adapter);

        // Setup tab indicator
        new TabLayoutMediator(tabIndicator, viewPager,
            (tab, position) -> tab.setIcon(R.drawable.tab_selector)
        ).attach();

        // Navigation buttons
        btnPrevious.setOnClickListener(v -> {
            int currentItem = viewPager.getCurrentItem();
            if (currentItem > 0) {
                viewPager.setCurrentItem(currentItem - 1, true);
            }
        });
        btnNext.setOnClickListener(v -> {
            int currentItem = viewPager.getCurrentItem();
            if (currentItem < images.length - 1) {
                viewPager.setCurrentItem(currentItem + 1, true);
            }
        });
    }
}
```