AIM:-

   Develop an android application to create two activities named as Student Basic Details (Register No., Name, Department) and Student Mark Details (SSLC, HSC, UG). Write an android code to combine these two activities in single screen using android fragment.

PROCEDURE:-

Step 1: Create a new project.

Step 2: Create a layout for each activity.

Step 3: Create corresponding kotlin classes.

Step 4: Implement fragment layouts.

Step 5: Modify MainActivity layout.

Step 6: Modify MainActivity.kt.

Step 7: Run the application.

PROGRAM CODE:-

AndroidManifest.xml:

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

   package="com.example.studentdetails">

   <application

     android:allowBackup="true"

     android:icon="@mipmap/ic_launcher"

     android:label="@string/app_name"
```

```xml
            android:roundIcon="@mipmap/ic_launcher_round"

            android:supportsRtl="true"

            android:theme="@style/AppTheme">

            <activity android:name=".StudentBasicDetailsActivity" />

            <activity android:name=".StudentMarkActivity" />

            <activity android:name=".MainActivity">

                <intent-filter>

                    <action android:name="android.intent.action.MAIN" />

                    <category android:name="android.intent.category.LAUNCHER" />

                </intent-filter>

            </activity>

        </application>

</manifest>
```

activity_main.xml:

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

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

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    tools:context=".MainActivity">

    <FrameLayout

        android:id="@+id/fragment_container"

        android:layout_width="match_parent"
```

```
            android:layout_height="match_parent" />
```

```
</RelativeLayout>
```

MainActivity.kt:

```kotlin
package com.example.studentdetails

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

class MainActivity : AppCompatActivity() {

    override fun onCreate(savedInstanceState: Bundle?) {

        super.onCreate(savedInstanceState)

        setContentView(R.layout.activity_main)

        supportFragmentManager.beginTransaction()

            .replace(R.id.fragment_container, StudentBasicDetailsFragment())

            .commit()

    }

}
```

StudentBasicDetailsFragment.kt:

```kotlin
package com.example.studentdetails

import android.os.Bundle

import androidx.fragment.app.Fragment

import android.view.LayoutInflater

import android.view.View

import android.view.ViewGroup
```

```kotlin
class StudentBasicDetailsFragment : Fragment() {

    override fun onCreateView(

        inflater: LayoutInflater, container: ViewGroup?,

        savedInstanceState: Bundle?

    ): View? {

        // Inflate the layout for this fragment

        return inflater.inflate(R.layout.fragment_student_basic_details, container, false)

    }

}
```

StudentMarkDetailsFragment.kt:

```kotlin
package com.example.studentdetails

import android.os.Bundle

import androidx.fragment.app.Fragment

import android.view.LayoutInflater

import android.view.View

import android.view.ViewGroup

class StudentMarkDetailsFragment : Fragment() {

    override fun onCreateView(

        inflater: LayoutInflater, container: ViewGroup?,

        savedInstanceState: Bundle?

    ): View? {

        // Inflate the layout for this fragment
```

```
    return inflater.inflate(R.layout.fragment_student_mark_details, container,
false)

    }

}
```

OUTPUT:-

RESULT:-

        Thus to develop an android application to create two activities named as Student Basic Details and Student Mark Details.is implemented and executed successfully.