

## **Example 1 B:**

### **Develop an application that uses Font**

In android application development, we can able to use custom fonts in two ways

- Using Assets Folder
- Using Fonts Folder

#### **Using Assets Folder:**

In this approach you need to add fonts in your project Assets folder.

To add fonts in Assets folder, perform the following steps in the Android Studio:

- 1) Select Project
- 2) Select File>New>Folder>**Assets** Folder
- 3) Click finish
- 4) Right click on **assets** and create a folder called **fonts**
- 5) Put your font(**.ttf**) file in assets > fonts
- 6) Use the below code to change your GUI components font programmatically

```
TextView textView = (TextView) findViewById(R.id.textView);  
Typeface typeface = Typeface.createFromAsset(getAssets(), "fonts/yourfont.ttf");  
textView.setTypeface(typeface);
```

#### **Using Fonts Folder:**

In this approach you need to add fonts as resources in your project folder.

To add fonts as resources, perform the following steps in the Android Studio:

- 1) Right-click the res folder and go to New > Android resource directory.
- 2) In the Resource type list, select font, and then click OK
- 3) Add your font(.ttf) file in the font folder.

Now you can use the custom fonts in your android application in two ways

- a) You can directly use the custom font in xml as

```
android:fontFamily="@font/jose_sans "
```

b) Programmatically you can achieve this by using

```
TextView textView = (TextView) findViewById(R.id.textView);  
Typeface typeface = ResourcesCompat.getFont(this, R.font.jose_sans);  
textView.setTypeface(typeface);
```