

Ex.No.:01

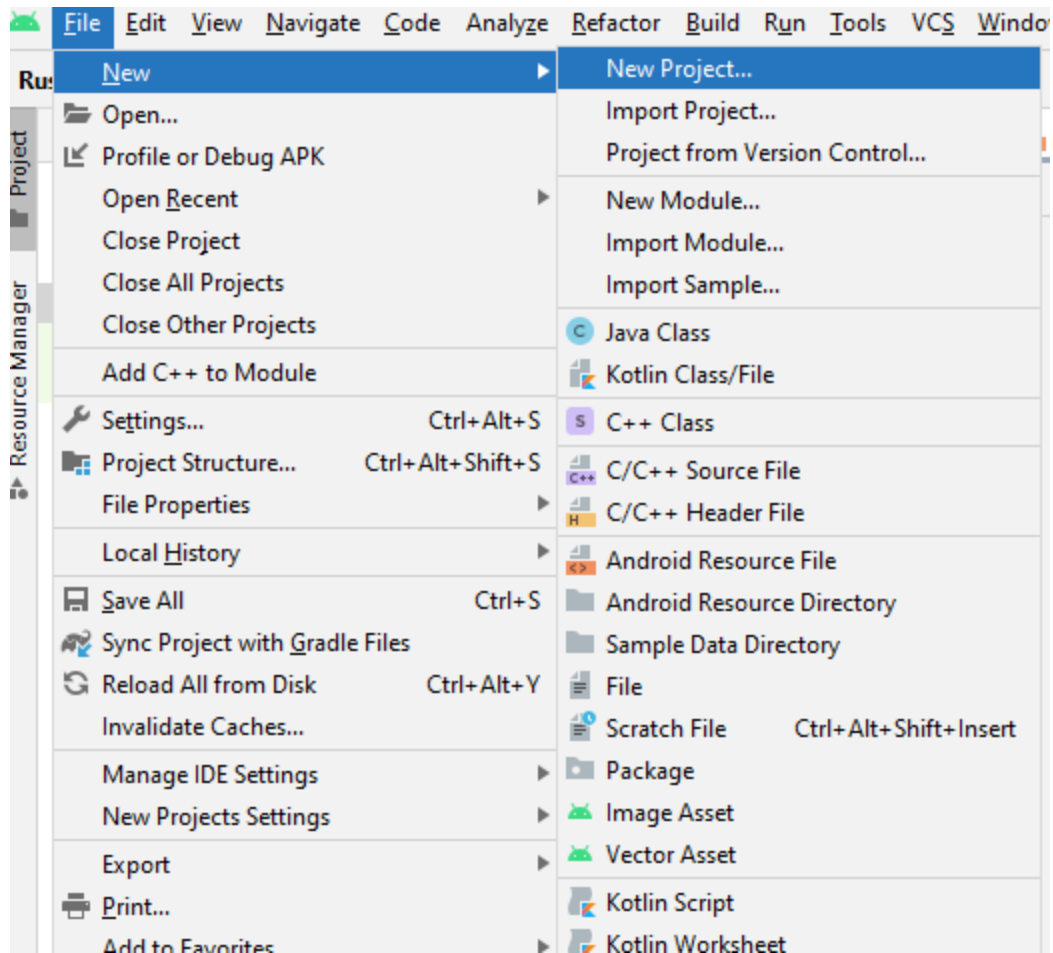
**SETTING UP ANDROID PLATFORM, ANDROID VIRTUAL  
DEVICE AND CREATE APPLICATION TO DISPLAY WELCOME  
MESSAGE**

**AIM:**

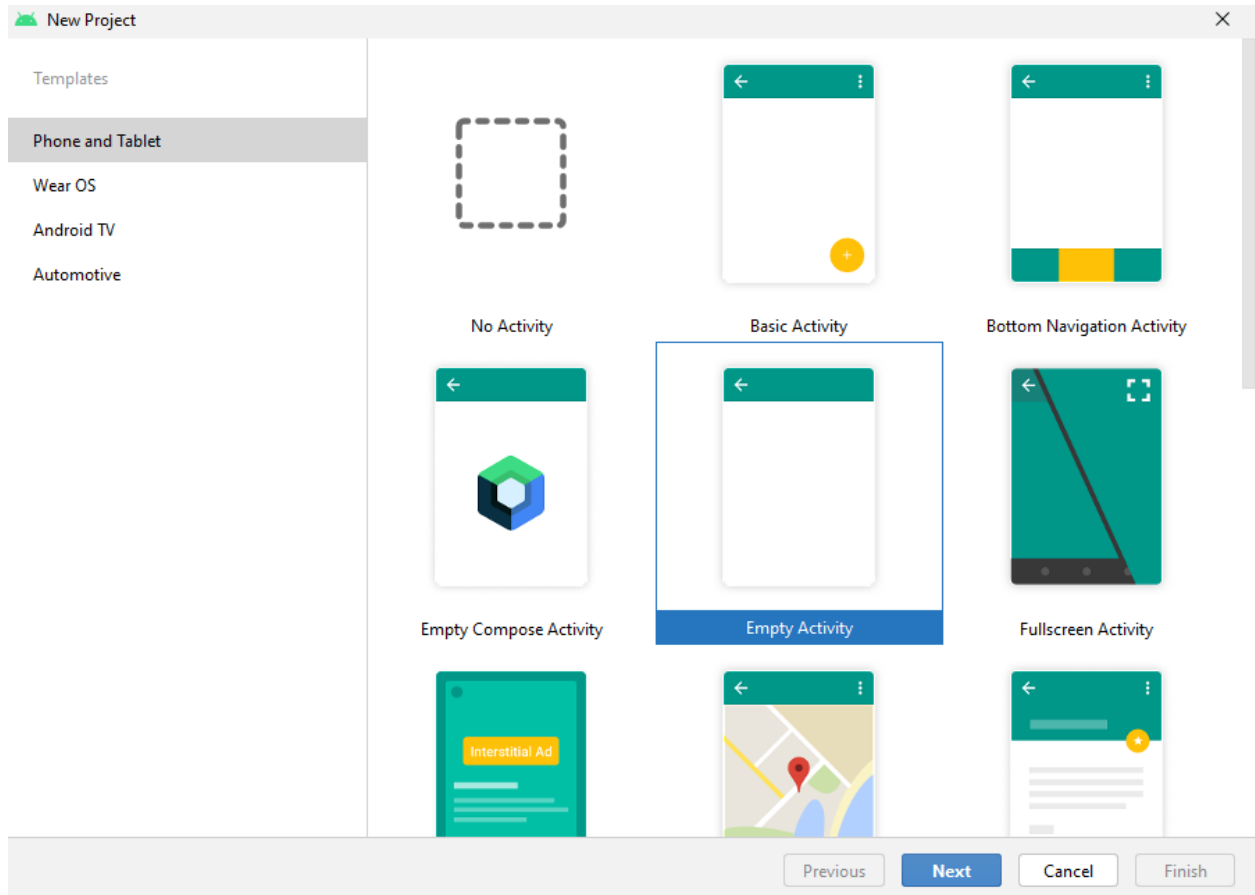
To set up Android Platform, Android Virtual Device and to create application to display welcome message

**PROCEDURE:**

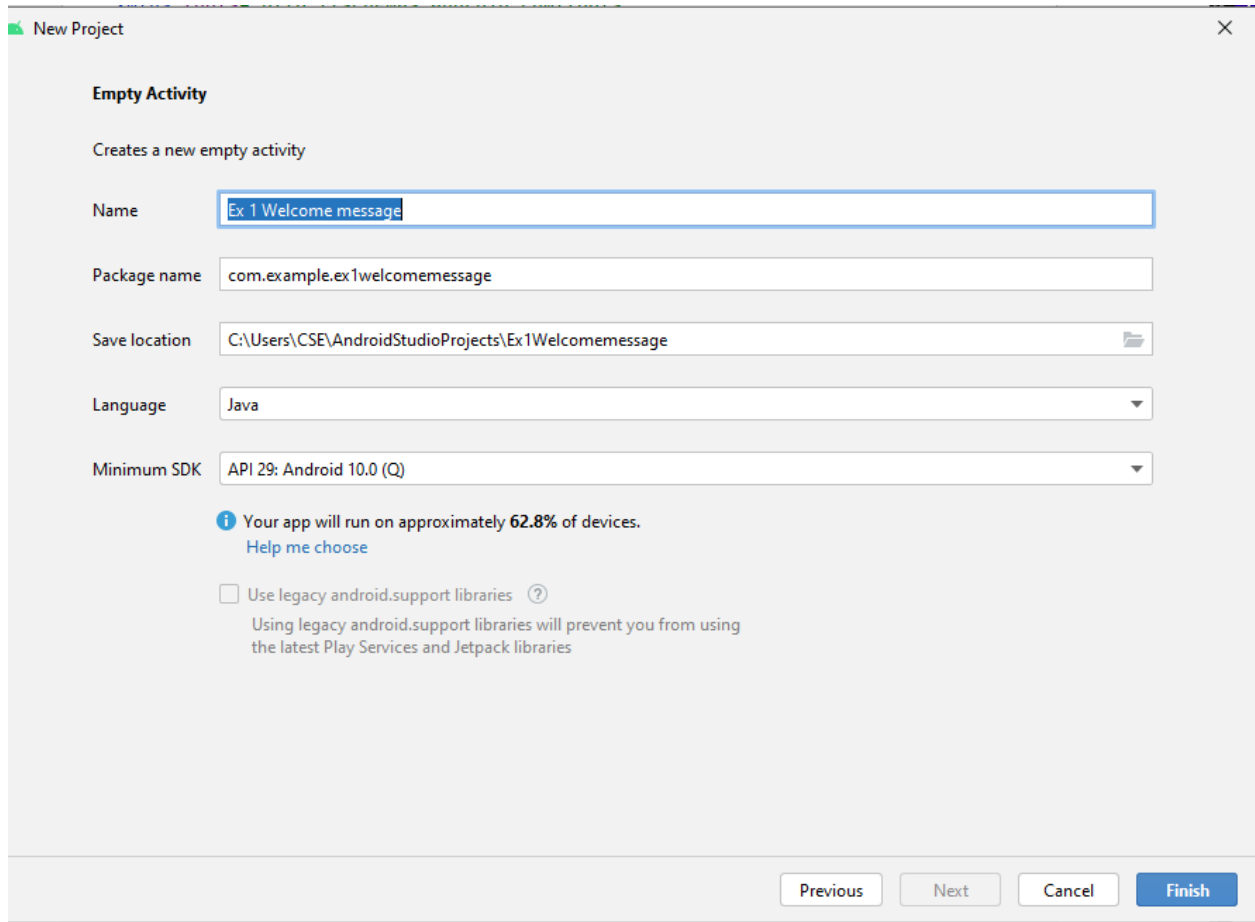
Step 1: Select → File → New → New Project



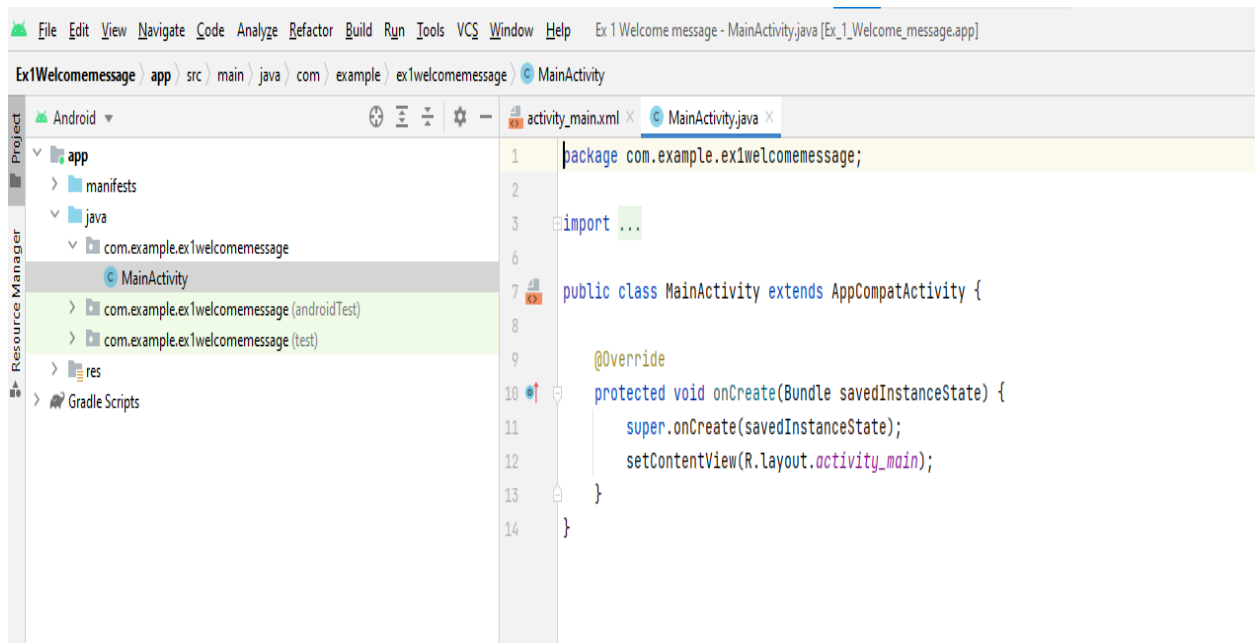
Step 2: Select Empty activity and click Next button



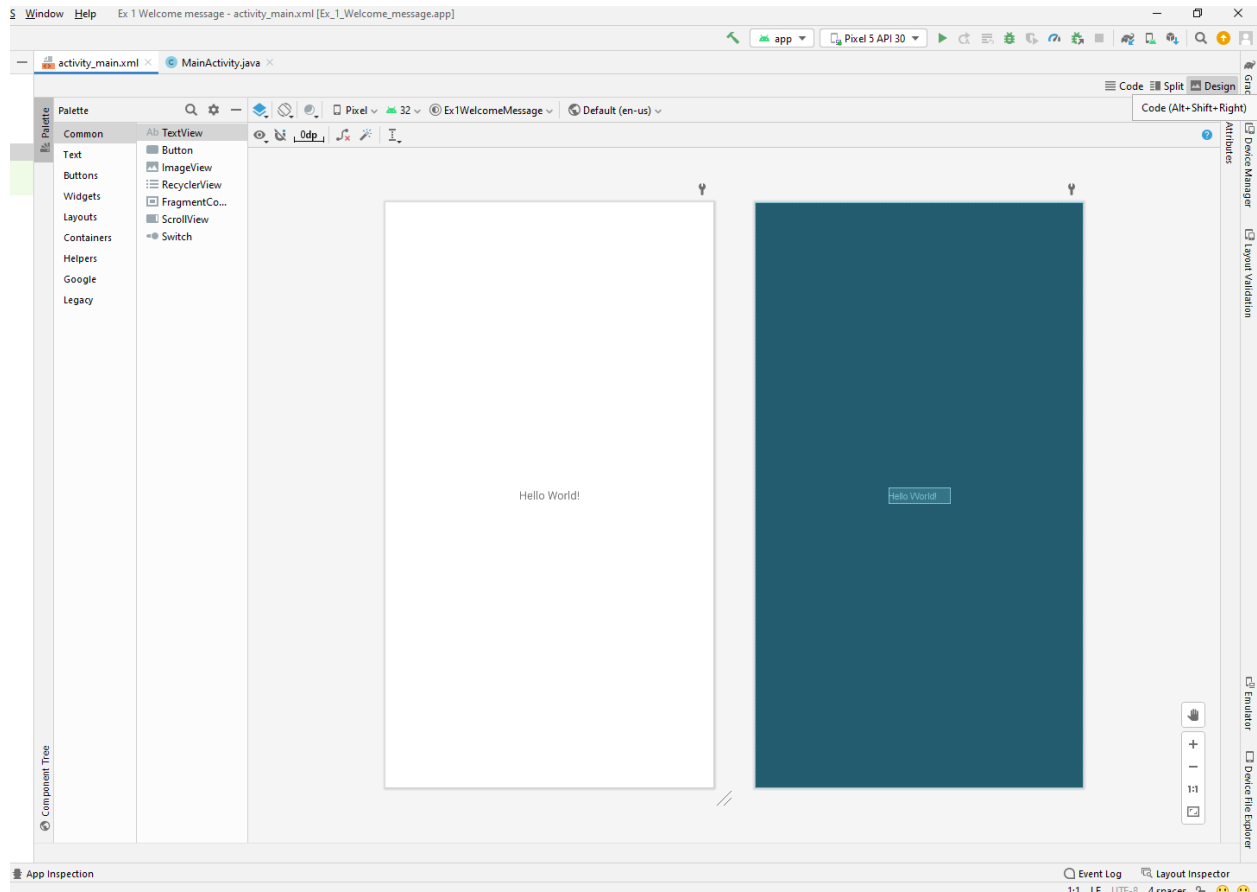
Step 3 : Type your activity name and click Finish button



Step 4: You will give this screen i.e MainActivity.java tab and activity\_main.xml tab



Step 5: Go to main\_activity.xml tab and click code icon (right top corner)



Step 6: You will get the following screen. Change the “Hello World!” text with own welcome message. (Like “Welcome to VCET – CSE Department – MAD Lab!!!” )

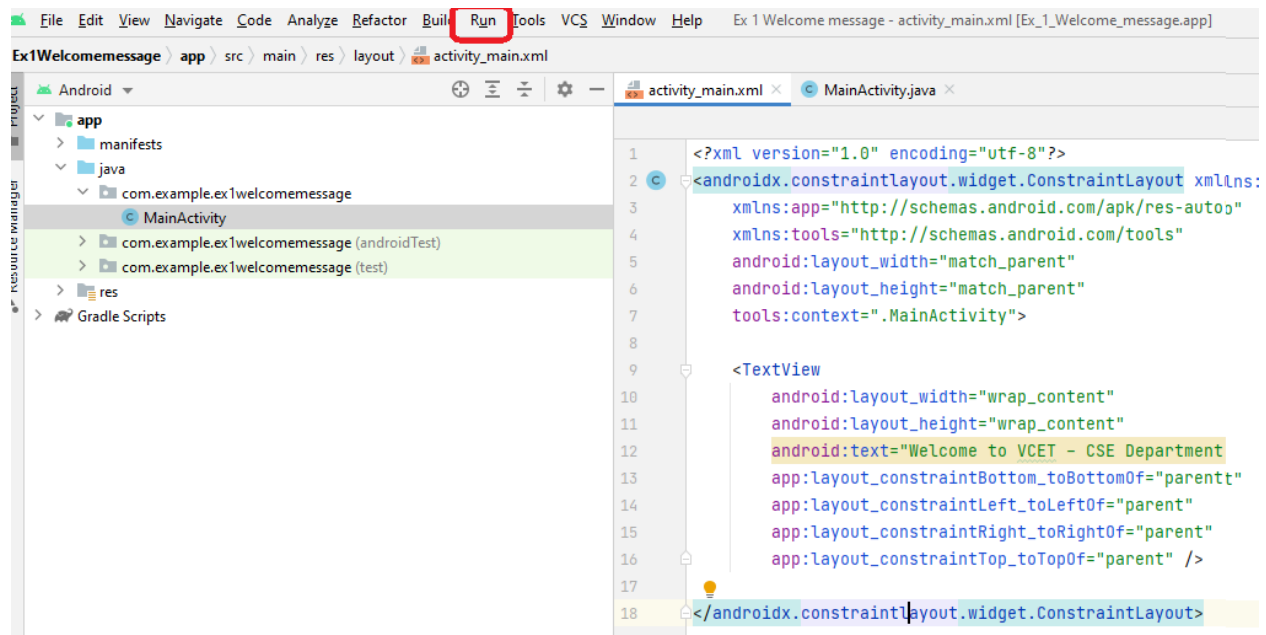
```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/an
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".MainActivity">
8
9     <TextView
10         android:layout_width="wrap_content"
11         android:layout_height="wrap_content"
12         android:text="Hello World!"
13         app:layout_constraintBottom_toBottomOf="parent"
14         app:layout_constraintLeft_toLeftOf="parent"
15         app:layout_constraintRight_toRightOf="parent"
16         app:layout_constraintTop_toTopOf="parent" />
17
18 </androidx.constraintlayout.widget.ConstraintLayout>
```

(Before updation)

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".MainActivity">
8
9     <TextView
10         android:layout_width="wrap_content"
11         android:layout_height="wrap_content"
12         android:text="Welcome to VCEET - CSE Department - MAD Lab!!!"
13         app:layout_constraintBottom_toBottomOf="parent"
14         app:layout_constraintLeft_toLeftOf="parent"
15         app:layout_constraintRight_toRightOf="parent"
16         app:layout_constraintTop_toTopOf="parent" />
17
18 </androidx.constraintlayout.widget.ConstraintLayout>
```

(After updation)

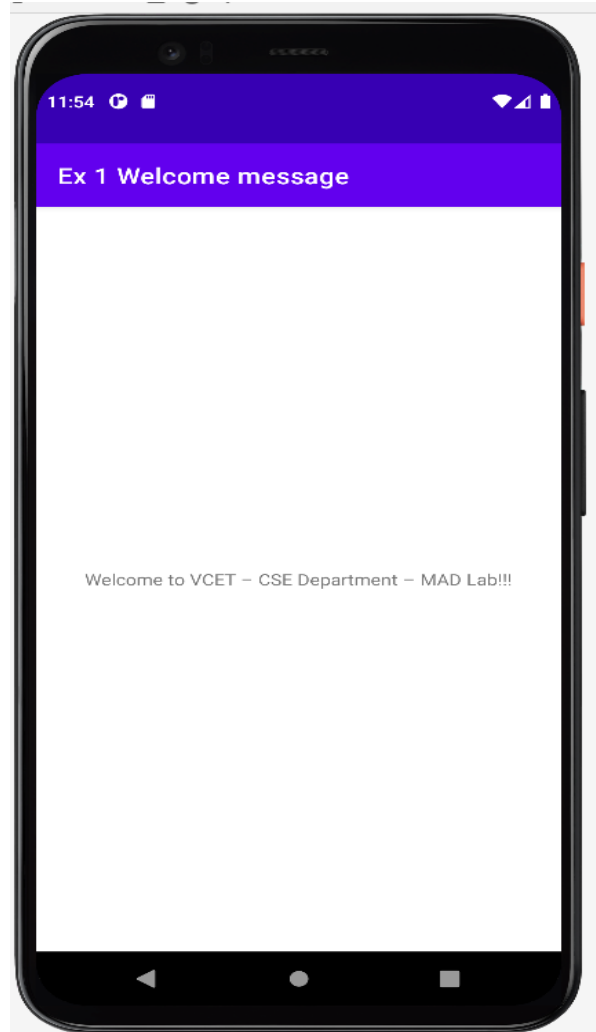
## Step 7: Run Your New code



```
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Ex 1 Welcome message - activity_main.xml [Ex_1_Welcome_message.app]
Ex1Welcomemessage > app > src > main > res > layout > activity_main.xml
activity_main.xml x MainActivity.java x
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:
3 xmlns:app="http://schemas.android.com/apk/res-auto"
4 xmlns:tools="http://schemas.android.com/tools"
5 android:layout_width="match_parent"
6 android:layout_height="match_parent"
7 tools:context=".MainActivity">
8
9 <TextView
10 android:layout_width="wrap_content"
11 android:layout_height="wrap_content"
12 android:text="Welcome to VCET - CSE Department"
13 app:layout_constraintBottom_toBottomOf="parent"
14 app:layout_constraintLeft_toLeftOf="parent"
15 app:layout_constraintRight_toRightOf="parent"
16 app:layout_constraintTop_toTopOf="parent" />
17
18 </androidx.constraintlayout.widget.ConstraintLayout>
```







**RESULT:**

Thus the implementation of Android Application to display the welcome message has been executed and verified successfully.

