# Bahria University,

## Karachi Campus



COURSE: SEL-448

SOFTWARE APPLICATION FOR MOBILE DEVICES

TERM: SPRING 2024, CLASS: BSE- 6(B)

Submitted By:

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(Name) (Reg. No.)

Submitted To:

Engr. Hamza / Engr. Adnan u Rahman

Signed Remarks: Score:\_\_

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| --- | --- | --- | --- | --- |
| SNO | DATE | LAB NO | LAB OBJECTIVE | SIGN |
| 01 | 16/02 | 01 | Introduction to Android Studio |  |
| 02 | 23/02 | 02 | Introduction to AVD and ADB |  |
| 03 | 01/03 | 03 | Layout and Views |  |
| 04 | 15/03 | 04 | Event Handling in Android |  |
| 05 | 22/03 | 05 | Fully Functional Calculator |  |
| 06 | 29/03 | 06 | Slider and Intents in Android |  |
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LAB EXPERIMENT NO.

**\_01\_**

LIST OF TASKS

|  |  |
| --- | --- |
| **TASK NO** | **OBJECTIVE** |
| 01 | Setup Android Studio on your system |
| 02 | Create a birthday Card Android App using Android Studio in Java language. |
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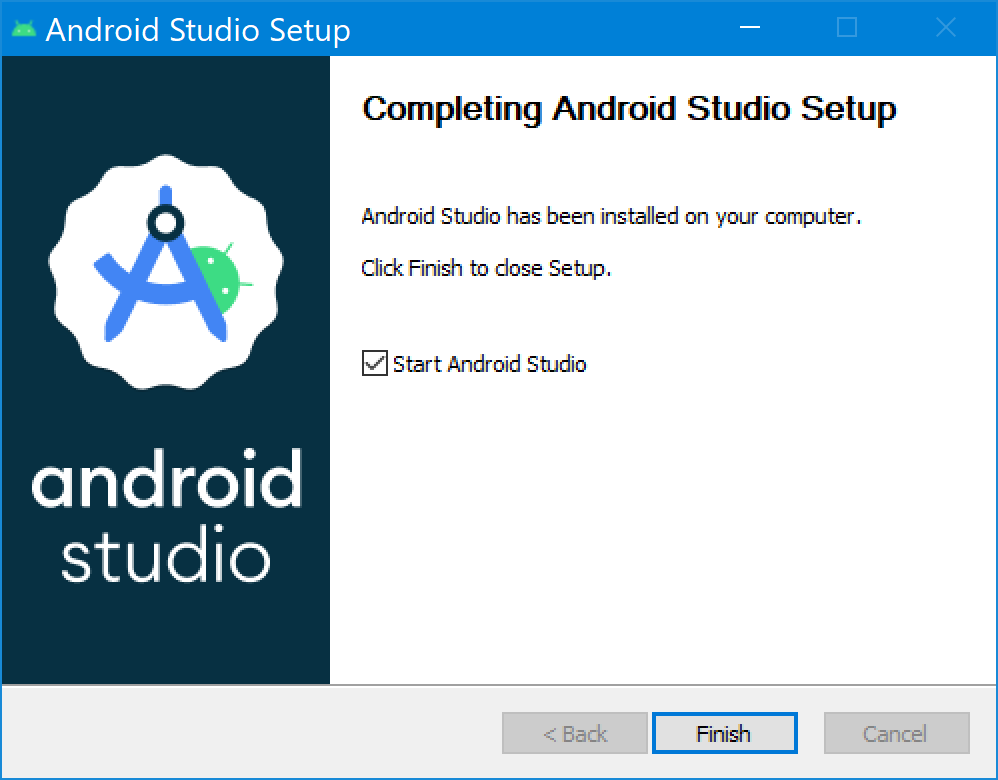
Submitted On:

Date: 15/02/2024

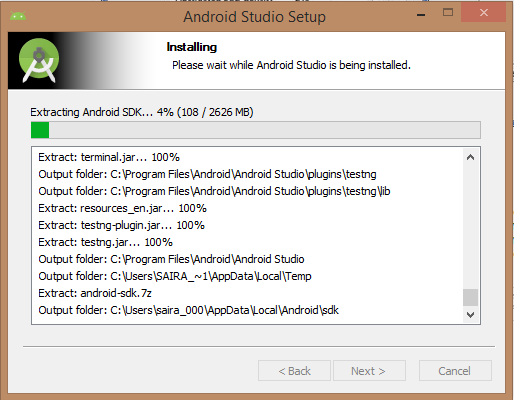
**Task No 01:** Setup Android Studio on your system

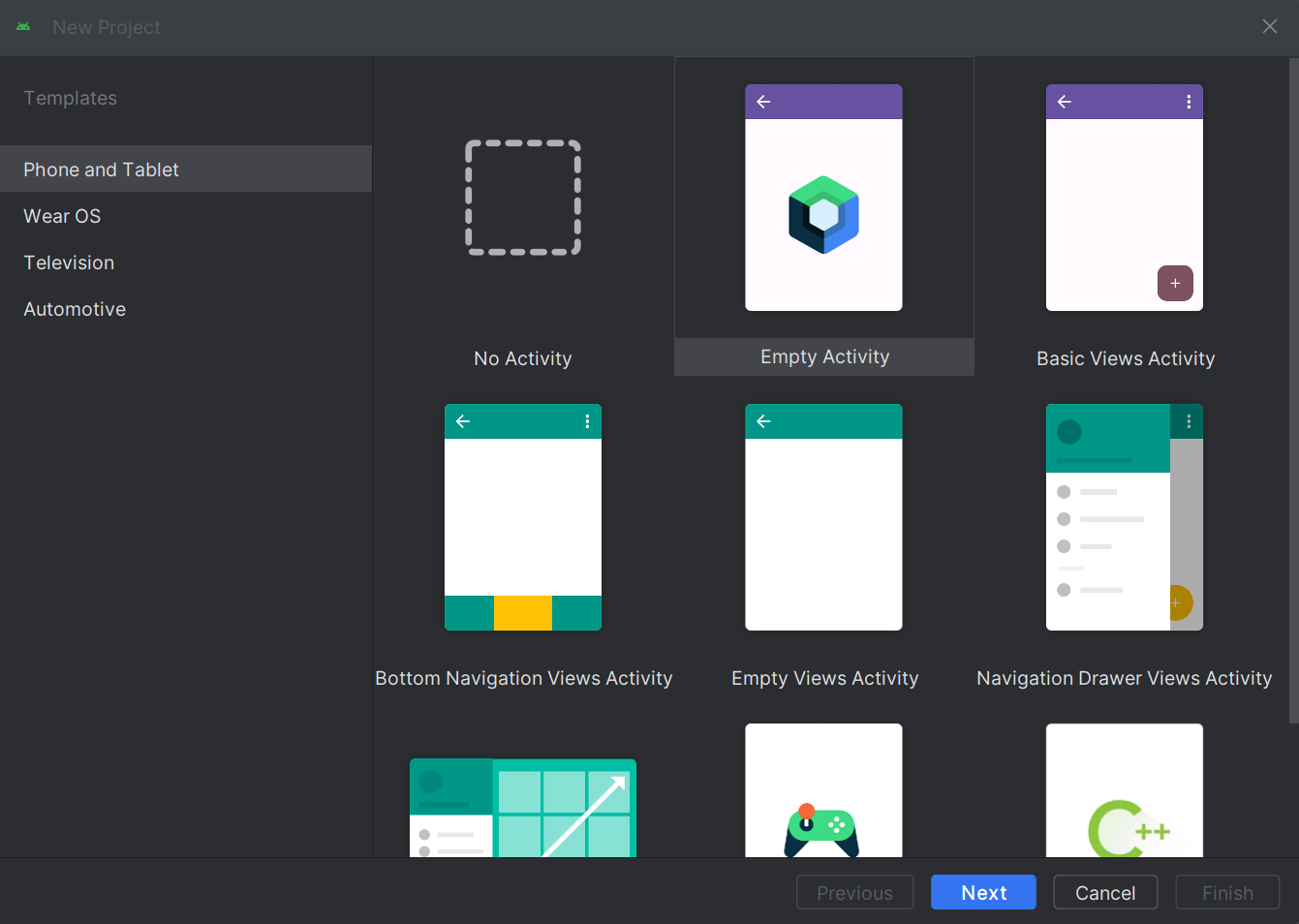
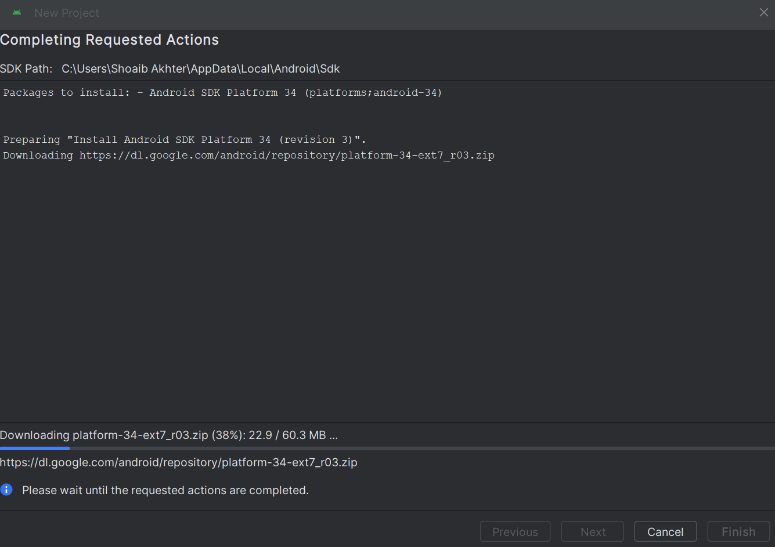
**A screenshot of a software development program

Description automatically generatedSolution:**

**A screenshot of a computer

Description automatically generated**





**Task No 02:** Create a birthday Card Android App using Android Studio in Java language.

**Solution:**

MainActivity.java:

import android.widget.ImageView;  
public class MainActivity extends AppCompatActivity {  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);}}

activity\_main.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"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
 <ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginStart="1dp"  
 android:layout\_marginTop="184dp"  
 tools:srcCompat="@drawable/img" />  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="150dp"  
 android:layout\_height="30dp"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="108dp"  
 android:layout\_marginEnd="115dp"  
 android:text="Shoaib Akhter"  
 android:textSize="20dp" />  
</RelativeLayout>

**Output:**

**A white background with black and white clouds

Description automatically generated with medium confidence**