# 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 |  |
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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

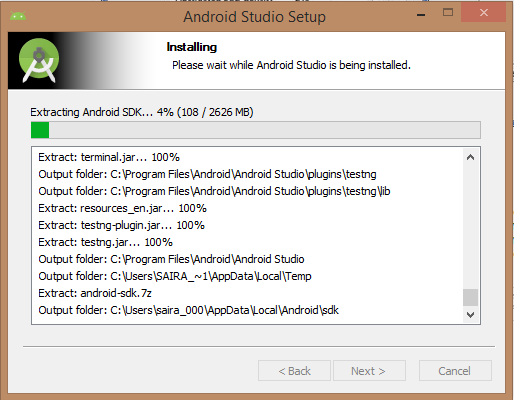
**Task No 01:** Setup Android Studio on your system

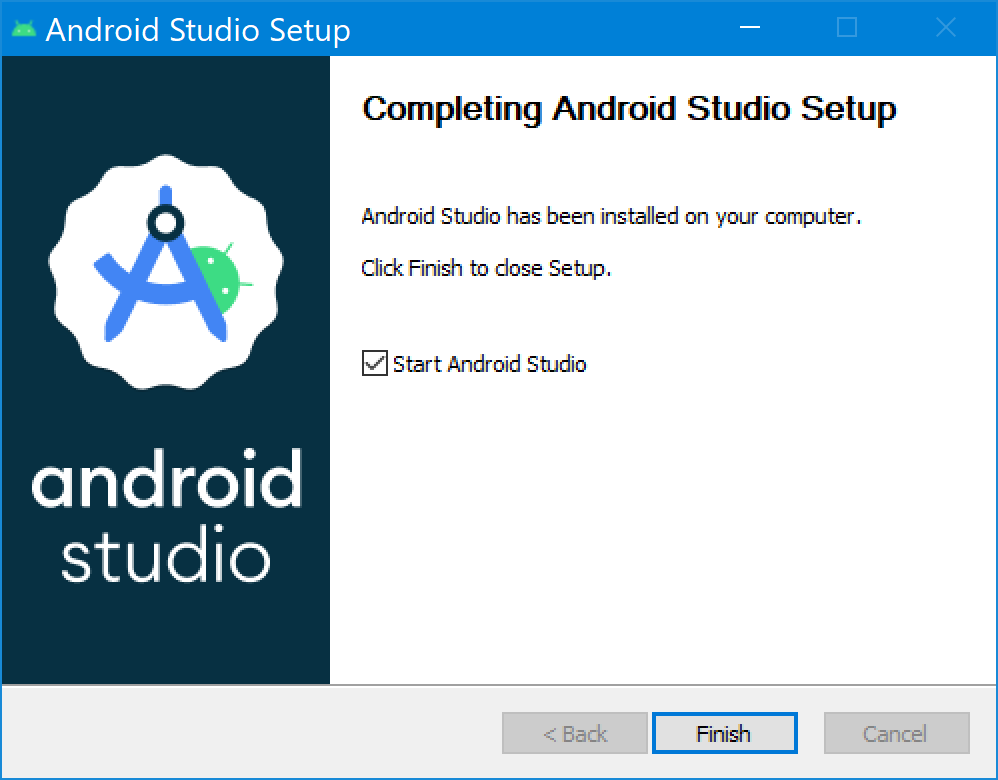
**Solution:**

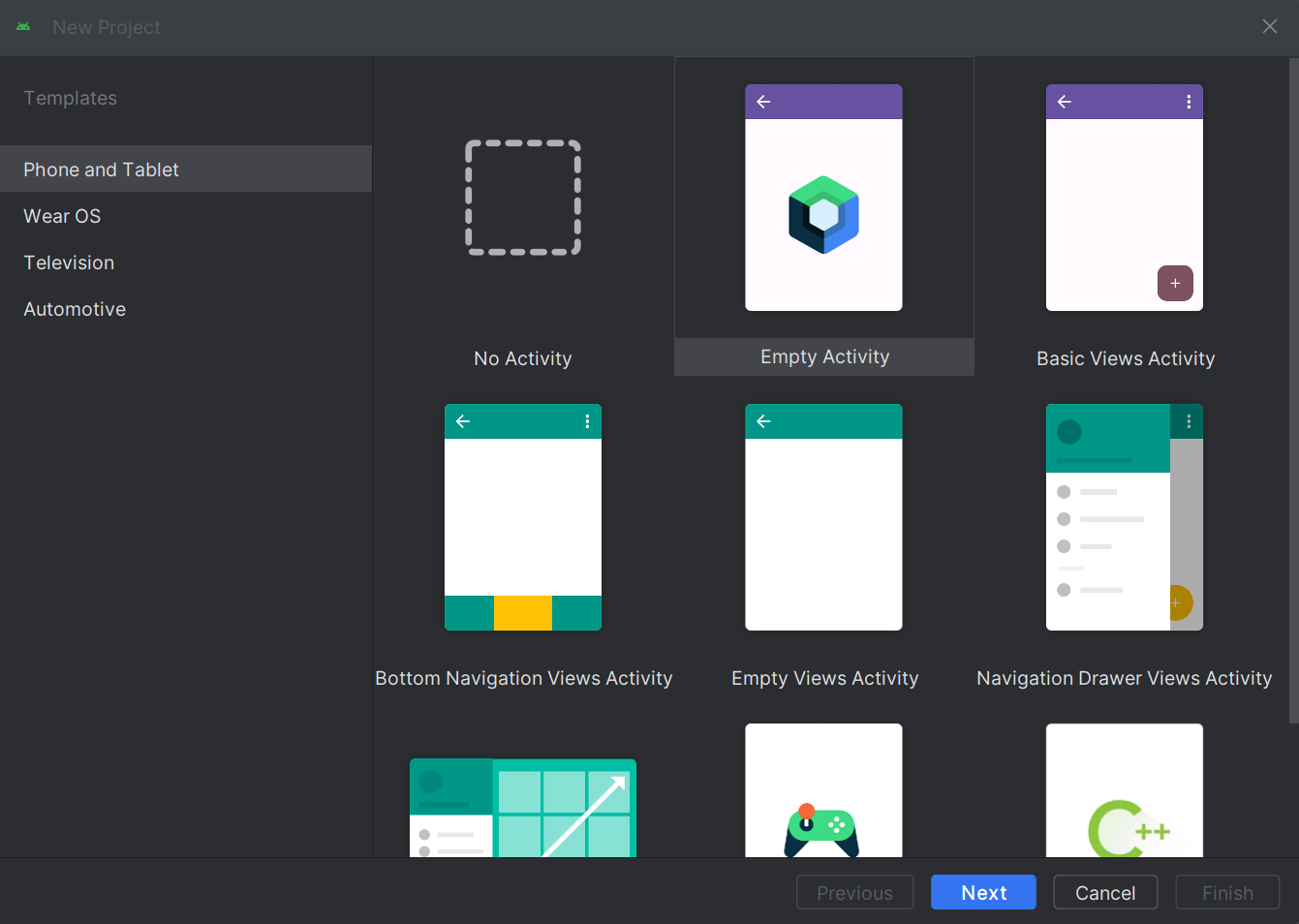
**A screenshot of a computer

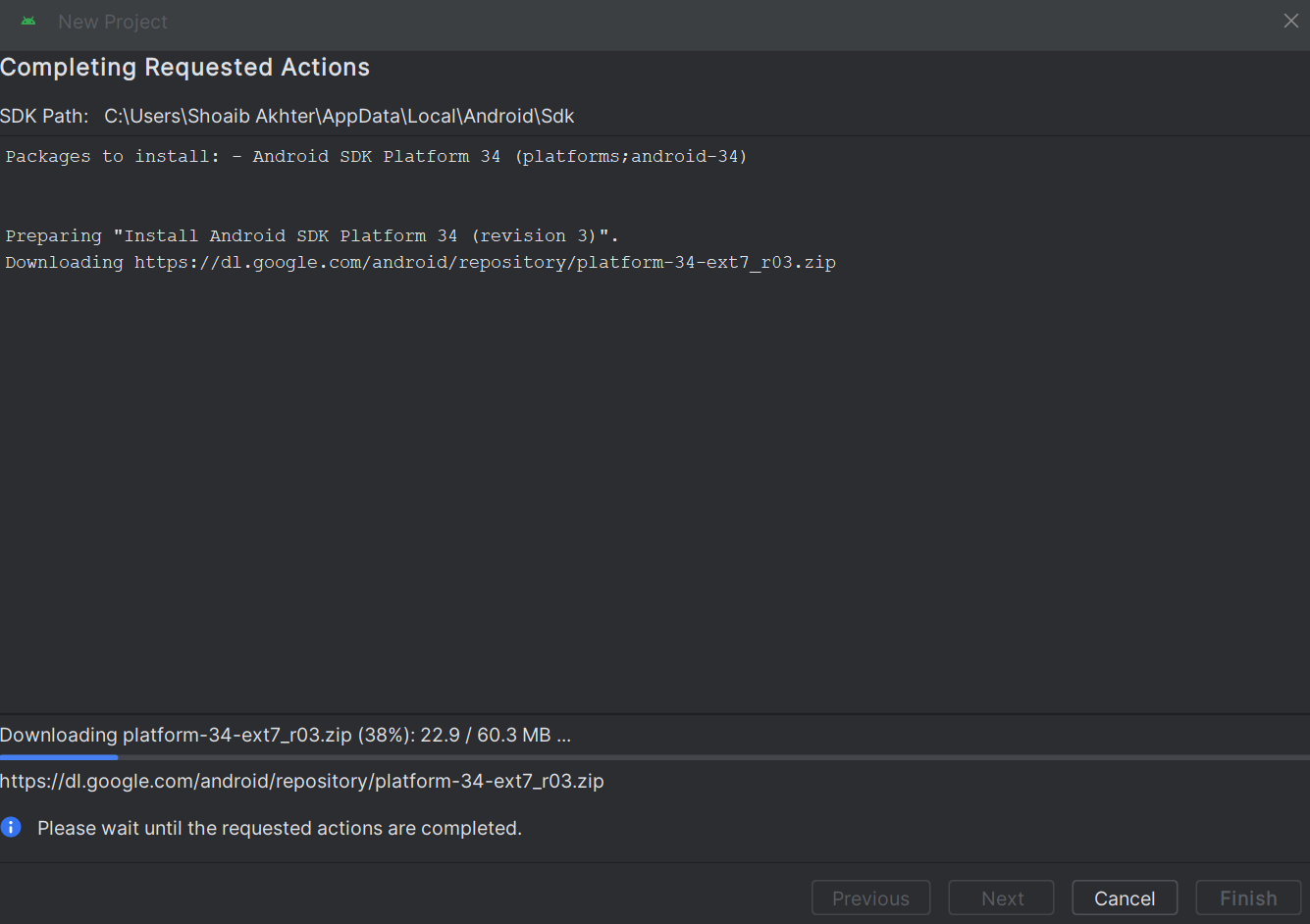
Description automatically generatedA screenshot of a software development program

Description automatically generated**









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

**Solution:**

MainActivity.java:

package com.example.myapplication;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
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"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Happy Birthday Shoaib Akhter!"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.345" />  
  
 <ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/my\_image"  
 tools:layout\_editor\_absoluteX="-94dp"  
 tools:layout\_editor\_absoluteY="330dp"   />  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**Output:**

**A white background with black and white clouds

Description automatically generated with medium confidence**

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