



Experiment 1.1

Student Name: Nitin Batra

UID: 20BCS2144

Branch: BE-CSE

Section/Group: 906/ B

Semester: 6th

Date of Performance: 08/02/23

Subject Name: Mobile Application Development

Subject Code: 20CSP-356

1. Aim:

Setting Up the Development Environment.

2. Objective:

Android Studio is the official IDE (Integrated Development Environment) for Android app development and it is based on JetBrains' IntelliJ IDEA software.

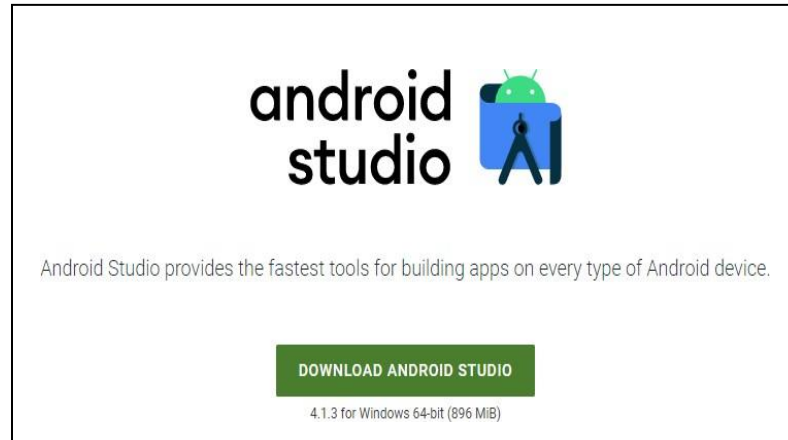
System Requirements:

- Microsoft Windows 7/8/10 (32-bit or 64-bit)
- 4 GB RAM minimum, 8 GB RAM recommended (plus 1 GB for the Android Emulator)
- 2 GB of available disk space minimum, 4 GB recommended (500 MB for IDE plus 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution

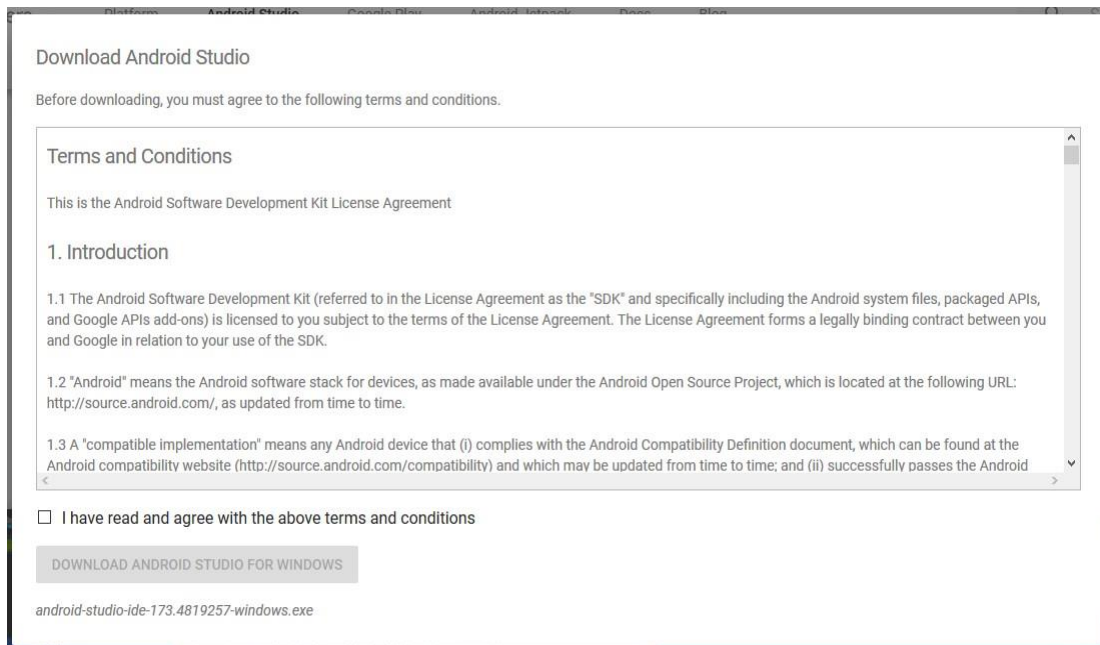
3. Steps:

Step 1: Head over to “<https://developer.android.com/studio#downloads>” this link to get the Android Studio executable or zip file.

Step 2: Click on the Download Android Studio Button.



Click on the “I have read and agree with the above terms and conditions” checkbox followed by the download button.



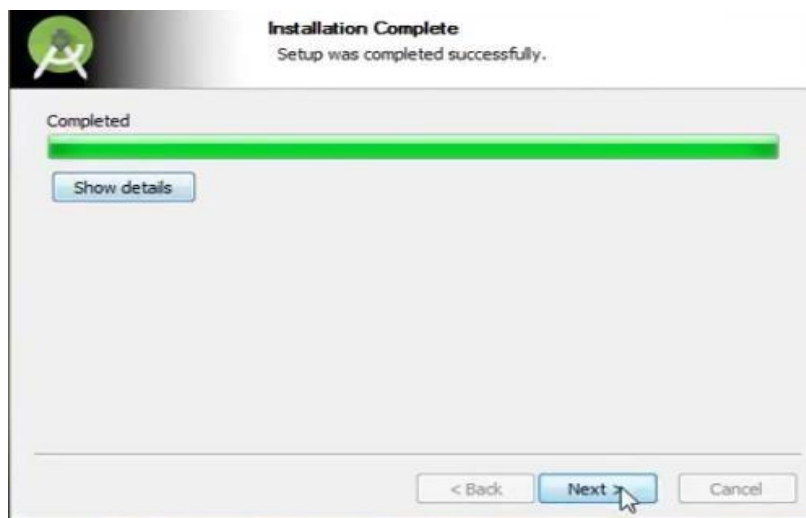
Click on the Save file button in the appeared prompt box and the file will start downloading.

Step 3: After the downloading has finished, open the file from downloads and run it. It will prompt the following dialog box.



Click on next. In the next prompt, it'll ask for a path for installation. Choose a path and hit next.

Step 4: It will start the installation, and once it is completed, it will be like the image shown below.





Step 5: Once “**Finish**” is clicked, it will ask whether the previous settings need to be imported [if the android studio had been installed earlier], or not. It is better to choose the ‘Don’t import Settings option’.

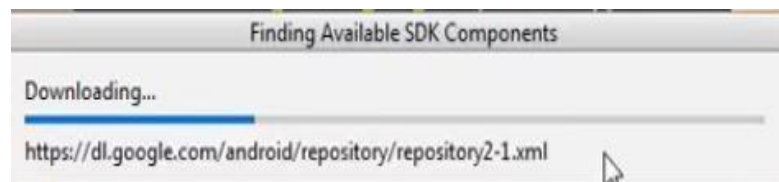


Click the **OK** button.

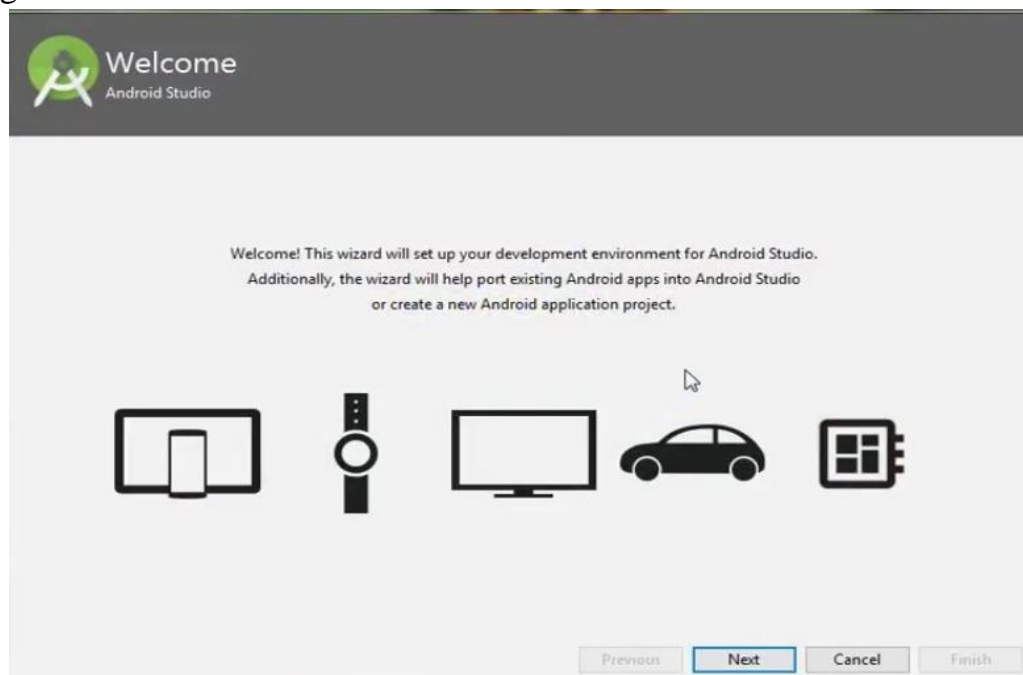
Step 6: This will start the Android Studio



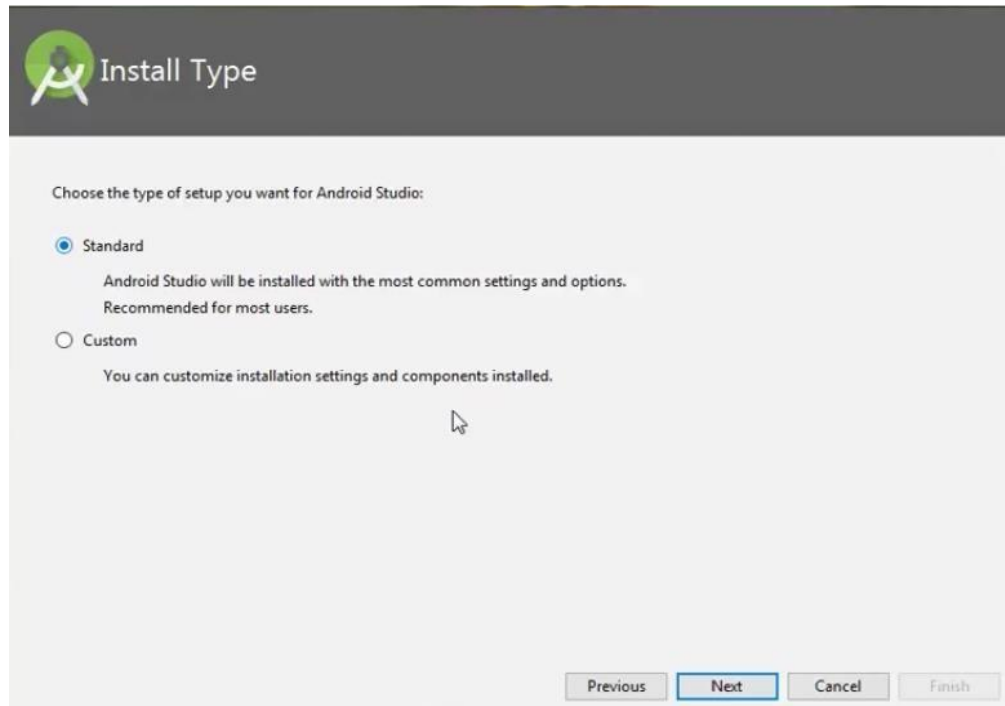
Meanwhile, it will be finding the available SDK components.



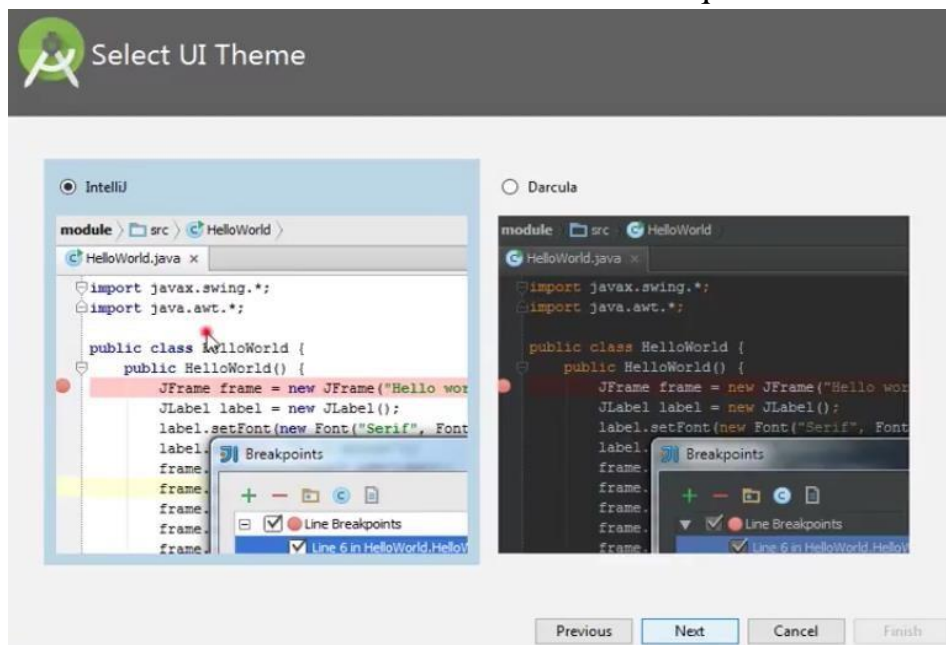
Step 7: After it has found the SDK components, it will redirect to the Welcome dialog box.



Click on **Next**.



Choose Standard and click on Next. Now choose the theme, whether the **Light** theme or the **Dark** one. The light one is called the **IntelliJ** theme whereas the dark theme is called **Dracula**. Choose as required.



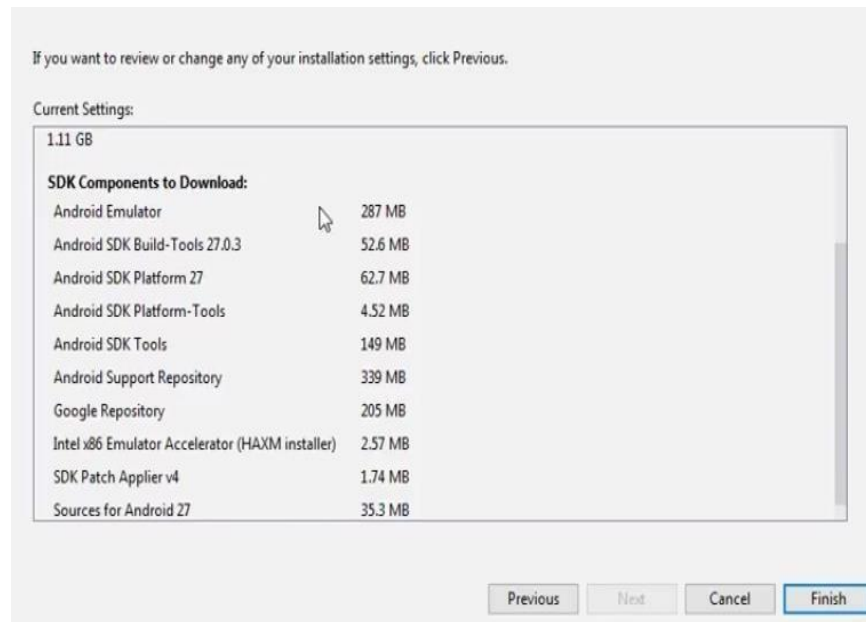


DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

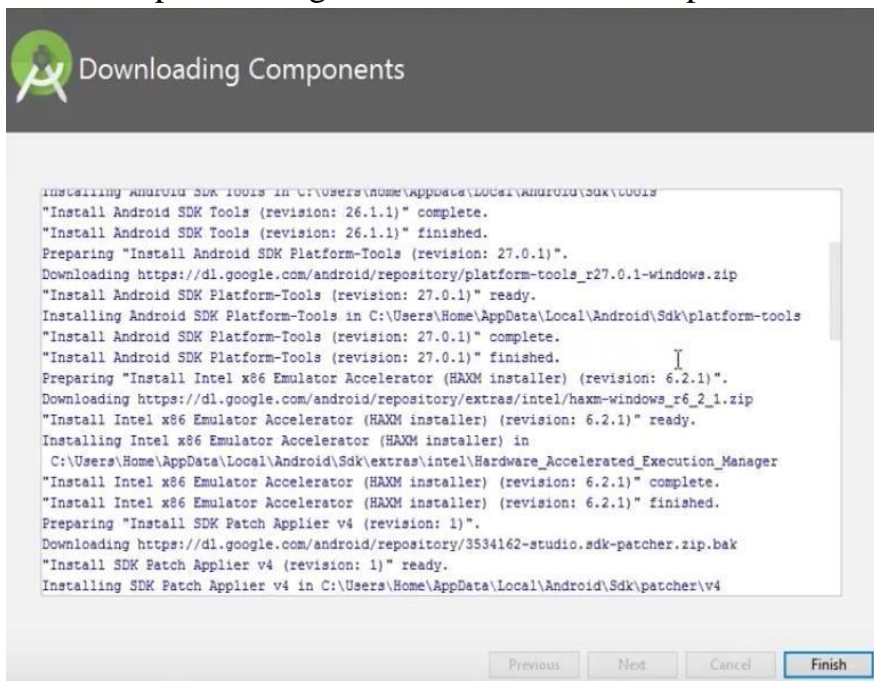
Discover. Learn. Empower.

Click on the **Next** button.

Step 8: Now it is time to download the SDK components.



Click on **Finish**. Components begin to download let it complete.



The Android Studio has been successfully configured. Now it's time to launch and build apps. Click on the **Finish** button to launch it.

Step 9: Click on **Start a new Android Studio project** to build a new app.

