



Bahria University, Islamabad Campus

Department of Computer Science

Mobile App Development Lab

CSL 341

Name: Syed Muhammad Ali Raza Naqvi

Enrollment Number: 01-134222-149

Section: BS(CS) – 6(B)

Instructor: Mr. Mohsin Javed Butt

Lab Journal # 01

Github Repository Link:

<https://github.com/alirnaqvi/Mobile-Application-Development-Lab>

Answer # 01:

1. Download **Flutter SDK**
2. Extract the downloaded zip file.
3. Add the ...\\flutter\\bin path to system variables.
4. Install **Git**.
5. Download and Install **Android Studio**.
5. install **Vscode**
6. create a virtual device using **Android emulator** or connect a physical device.
7. Run.

Answer # 02:

1. Turn on **developer mode** on your android device.
2. Install the **USB drivers** on your windows device.
3. Use a **USB cable** to connect your android device to the windows device.
4. Enable **USB debugging**.
5. Open your flutter project in vscode.
6. Run your project.
7. Done.

Answer # 03:

You need to install 2 extensions:

1. Flutter
2. Dart

Answer # 04:

1. Assuming you have installed the dart and flutter extensions, press **ctrl+shift+p**.
2. Type "**Flutter: New Project**".
3. Choose a project type: **Flutter Application**
4. Enter a project name.
5. Select a folder where you want to locate the project.
6. New project created.

Answer # 05:

The main advantage of setting path in environment variables is that you can run the flutter commands from anywhere in the computer without locating the flutter folder every time.