

LAB#01

INSTALLATION GUIDE AND INTRODUCTION TO BASIC COMPONENTS IN ANDROID STUDIO

System Requirements

The sections below describe the system and software requirements for developing Android applications using the Android SDK.

Supported Operating Systems

- Windows XP (32-bit), Vista (32- or 64-bit), or Windows 7 (32- or 64-bit), Windows 8 or higher.
- Mac OS X 10.5.8 or later (x86 only)
- Linux (tested on Ubuntu Linux, Lucid Lynx)
 - GNU C Library (glibc) 2.7 or later is required.
 - On Ubuntu Linux, version 8.04 or later is required.
- 64-bit distributions must be capable of running 32-bit applications. For information about how to add support for 32-bit applications, see the Ubuntu Linux installation notes

Space Requirement

- 3 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 + 1.5 GB for Android SDK and emulator system image)

Download and Install the Android SDK

Here's an overview of the steps you must follow to set up the Android SDK:

1. Prepare your development computer and ensure it meets the system requirements.
2. Before installing the SDK, the latest Java JDK needs to be installed.
3. Get the latest version of the SDK Manager from the [SDK download page](#).
4. Run the setup of latest Android Studio version.

Lab Task

- 1) Open Android Studio and Run your first Mobile Application.

