adb = android debug bridge

adb is constant

adb devices--> It will fetch UDID.

Why we req. ADB?

-->To establish a communication between your system and device.

What are the diff. parts of ADB?

1) Adb client--> the person who is making req.

2) Adb server--> this process your req. (It is hosted on port 5037)

3) Adb daemon--> Actual action will be processed by this Adb daemon --> this is in your device

Working ADB

(Server is Up and Running)

1. client will make a req.

2. server process the req.

3. adb daemon will perform actual action and according to the req. it will reply with resp.

(Server is OFF)

1. It will start the server at port 5037

2. client will make a req.

3. server process the req.

4. adb daemon will perform actual action and according to the req. it will reply with resp.

ADB COMMANDS

>> Open command prompt in your laptop

1: adb devices : This command is used to devices which are connected.

2: adb shell : This command is used to know the device’s USB DEBUGGING is turned Onn or not / In reality am using my laptop r system but it has created a shell inside a device.

So now again use adb devices command it will show is it connected and ready to perform any task through laptop/system on mobile/device.

Again if multiple device is connected we can’t perform any task because the laptop/system will not get to know on which device it should perform.

To perform any task on particular device use this command

3: adb –s <device code> shell : This command is used to switch to particular device on which device u want to perform task when u have multiple device connected.

4: adb devices –l : This command is used to find out more information about device.

5: adb shell getprop : This command is used to get all the properties of device

And if I want to know particular properties of particular app r inbuilt thing then use a command called

6: adb shell getprop “ro.build.version.release”

adb shell getprop “ro.build.version.sdk”

7:Use adb shell : if I use this am working in laptop but it gives separate shell in my mobile device.

After this use command

8: $ ls : it will show all details in the short form.

9: $ whoami : by using this command we will get to know is it we are in device [shell is created or not].

10: $ exit : To exit from that particular shell.

Again use command $ whoami :now it will show [bkadel] this means you are out of the shell.

Now get inside the device by using commad

adb shell

Once after getting inside device you can go inside folder by using command like

11: $ cd sdcard/ : This command will show what is their in sdcard.

12: $ cd Download/ : This command will show what is their inside downloads folder