**Session 9**

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**Complete adb Table is on your Google Drive ( Android Studio folder )**

**Please practice command lines.**

[**https://drive.google.com/drive/u/1/folders/1Yg1jPjfa4oYstP9FSGekaXaZfU9p7Bb8**](https://drive.google.com/drive/u/1/folders/1Yg1jPjfa4oYstP9FSGekaXaZfU9p7Bb8)

**Final Test for Technical Part, that I’m giving in School :**

[**https://drive.google.com/drive/u/1/folders/1mnAgnqWC8CmcI-tn-mnOMjcCgTBbCMfv**](https://drive.google.com/drive/u/1/folders/1mnAgnqWC8CmcI-tn-mnOMjcCgTBbCMfv)

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How to copy bear.txt from your Device to your Laptop/PC to directory C:/b

adb -d pull /sdcard/bear.txt C:/b/ (also space after .txt and C:/b/)

check Directory C:/b/ if bear.txt is there

Repeat for fish.txt

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How to make a screenshot and transfer this file to directory C:/a

1. Open some app , so you can distinguish the screenshot

adb -d shell screencap -p /sdcard/mar8.png   ( or any other image format like .jpg, jpeg, bmp, etc )

2. check if mar8.png is in sdcard

adb –d shell

ls

cd sdcard

ls (to check content)

check for file

3. copy mar8.png to C:/a/

adb -d pull /sdcard/mar8.png C:/a/

check Directory C:/a/ if mar8.png is there

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How to record a 1 min video and move this file to C:/a/?

this command only accepts seconds (not minute listing)

Most common Video formats are : .mpeg, .mpeg4, avi...etc

1.  adb -d shell screenrecord --time-limit 60 /sdcard/happy.mp4

2. check if happy.mp4  is in sdcard

adb -d shell

ls

cd sdcard

ls  ( to check content and look up file )

3.  copy happy.mp4 to C:/a/

adb -d pull /sdcard/ happy.mp4 C:/a/

check Directory C:/a/ if happy.mp4 is there

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How to create directory on your Real Device

adb -d shell

ls  ( if you wish to create sub-directory in already existing , exp sdcard )

cd sdcard

mkdir Natalia

if not subdirectory needed , then

adb -d shell

mkdir Natalia

1. Create sub-directory in sdcard  ( sdcard/Natalia)

ls

cd sdcard

mkdir Natalia

exit shell (type exit)

2. Copy fish.txt to sdcard/Natalia

adb -d push C:/a/fish.txt /sdcard/Natalia

3. Find fish.txt using ls

adb -d shell

ls

cd sdcard

cd Natalia

How to remove sub-directory  ( if it does have files, then you have to remove files first , then remove sub-directory)

adb -d shell

ls

cd sdcard

cd Natalia

rm fish.txt

rmdir Natalia

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How to shut down and remove your emulator

adb -s emulator-5554 emu kill

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type adb devices

should see real device only

No more emulator-5554 ( this means no more -d  - no separation in the command line )

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Reboot the Real Device

adb reboot

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What is input keyevent ??????

You may manipulate with controls on your device

<https://developer.android.com/reference/android/view/KeyEvent.html>

or check another link below

Play around **☺**

adb shell

input keyevent 26  ( power off/on)

input keyevent 82 ( unlock your screen)

<https://stackoverflow.com/questions/7789826/adb-shell-input-events>

0 -->  "KEYCODE\_UNKNOWN"

1 -->  "KEYCODE\_MENU"

2 -->  "KEYCODE\_SOFT\_RIGHT"

3 -->  "KEYCODE\_HOME"

4 -->  "KEYCODE\_BACK"

5 -->  "KEYCODE\_CALL"

6 -->  "KEYCODE\_ENDCALL"

7 -->  "KEYCODE\_0"

8 -->  "KEYCODE\_1"

9 -->  "KEYCODE\_2"

10 -->  "KEYCODE\_3"

11 -->  "KEYCODE\_4"

12 -->  "KEYCODE\_5"

13 -->  "KEYCODE\_6"

14 -->  "KEYCODE\_7"

15 -->  "KEYCODE\_8"

16 -->  "KEYCODE\_9"

17 -->  "KEYCODE\_STAR"

18 -->  "KEYCODE\_POUND"

19 -->  "KEYCODE\_DPAD\_UP"

20 -->  "KEYCODE\_DPAD\_DOWN"

21 -->  "KEYCODE\_DPAD\_LEFT"

22 -->  "KEYCODE\_DPAD\_RIGHT"

23 -->  "KEYCODE\_DPAD\_CENTER"

24 -->  "KEYCODE\_VOLUME\_UP"

25 -->  "KEYCODE\_VOLUME\_DOWN"

26 -->  "KEYCODE\_POWER"

27 -->  "KEYCODE\_CAMERA"

28 -->  "KEYCODE\_CLEAR"

29 -->  "KEYCODE\_A"

30 -->  "KEYCODE\_B"

31 -->  "KEYCODE\_C"

32 -->  "KEYCODE\_D"

33 -->  "KEYCODE\_E"

34 -->  "KEYCODE\_F"

35 -->  "KEYCODE\_G"

36 -->  "KEYCODE\_H"

37 -->  "KEYCODE\_I"

38 -->  "KEYCODE\_J"

39 -->  "KEYCODE\_K"

40 -->  "KEYCODE\_L"

41 -->  "KEYCODE\_M"

42 -->  "KEYCODE\_N"

43 -->  "KEYCODE\_O"

44 -->  "KEYCODE\_P"

45 -->  "KEYCODE\_Q"

46 -->  "KEYCODE\_R"

47 -->  "KEYCODE\_S"

48 -->  "KEYCODE\_T"

49 -->  "KEYCODE\_U"

50 -->  "KEYCODE\_V"

51 -->  "KEYCODE\_W"

52 -->  "KEYCODE\_X"

53 -->  "KEYCODE\_Y"

54 -->  "KEYCODE\_Z"

55 -->  "KEYCODE\_COMMA"

56 -->  "KEYCODE\_PERIOD"

57 -->  "KEYCODE\_ALT\_LEFT"

58 -->  "KEYCODE\_ALT\_RIGHT"

59 -->  "KEYCODE\_SHIFT\_LEFT"

60 -->  "KEYCODE\_SHIFT\_RIGHT"

61 -->  "KEYCODE\_TAB"

62 -->  "KEYCODE\_SPACE"

63 -->  "KEYCODE\_SYM"

64 -->  "KEYCODE\_EXPLORER"

65 -->  "KEYCODE\_ENVELOPE"

66 -->  "KEYCODE\_ENTER"

67 -->  "KEYCODE\_DEL"

68 -->  "KEYCODE\_GRAVE"

69 -->  "KEYCODE\_MINUS"

70 -->  "KEYCODE\_EQUALS"

71 -->  "KEYCODE\_LEFT\_BRACKET"

72 -->  "KEYCODE\_RIGHT\_BRACKET"

73 -->  "KEYCODE\_BACKSLASH"

74 -->  "KEYCODE\_SEMICOLON"

75 -->  "KEYCODE\_APOSTROPHE"

76 -->  "KEYCODE\_SLASH"

77 -->  "KEYCODE\_AT"

78 -->  "KEYCODE\_NUM"

79 -->  "KEYCODE\_HEADSETHOOK"

80 -->  "KEYCODE\_FOCUS"

81 -->  "KEYCODE\_PLUS"

82 -->  "KEYCODE\_MENU"

83 -->  "KEYCODE\_NOTIFICATION"

84 -->  "KEYCODE\_SEARCH"

85 -->  "TAG\_LAST\_KEYCODE"