OHA, open handset Alliance SOM SW Dev. kit
Android is not single piece of hw but end to end sw platform, Con Work on
any hw Guliguration "From bootloader up to application"
Android SW Stack Application -> IB, whatsapp
Application framework - Care Functions
libraries _ runtime < policy virtual machine _ run Java
Kernel Linux Kernel
M_{N}
Application Framework
Oview system -> build an application include list, Gild O Content provider -> access data from other app/share or
Bresource manger provide access to non-Code resources
Bresource manger provide access to non-Code resources O Notification u > Enable all application to display Calife alert in 81-atus bar
6 Activity " -> life Cycle of app provide Navigation backstack

Libraries CIC++ libraries used by Components of an android system examples
Surface manger - display 2d, 3d weblit branser support
FreeType , Font Support SqLite -> Relational db (on device it self)
[Runtime] > Cere libraries
Dalvik run lime optimized for mobile applications Run multiple Ums ellicently
- Each app has its own Jm Minimal memory
[Java , Compiled - Dalvik loaded into bybe Dalvik Vm Code
threading, low-level memory Vm Androis
Appliation Building Black
(1) Activity (2) intent Reciever (3) Service. (4) Content provider