Name: - Mohd Fanaz Knan Dubject: - Mobile App Development XML File for Flashlight Course: - 1 (BSC(IT) V Hus-1 < 2 xml version = "1.0" encoding = "utj-8"? > < Liver layout android: layout - width = "match - pahent" android: layout - height = "moth - parent" android: orientation = "vertical" tools; context = "Main Activity"

tools; ignore = "Mand coded Text"> android: layout-width = "wrap-context" android: layout - height = "whap - content android: layout - gravity="center" android : layout - mangin Top="100dp" android: text= "Flashight" android: text blow = "@ Colors Colors Primary" android: text Size = "Sosp" android: textstyle="bold/italic) L View android: lay out \_ width = "match\_parent" android: layout\_height = "lop" android: layout\_manginStart = "32dp"

android: layout - margin Top = "16dp" android: layout - margin End = "32dp" android: background = "@ android: color danker-gray") < Toggle Button android: id = "@ xid/" toggle-pashlight android: layout -width = 1200dp" android: layout - height = "75 of" android: layout -gravity = "center" android: text Alignment = "view Start" android: layout-margin Top = "32 dp android: toyout on lik = "toggle Flowhlight" android: total Size = 255pm/> L Button android: id = "@ + id / toggle - Link" android: layart - width = "wrap - contect" android: layout - height = "wrap - content" android: text= &string / Share" (> 1/ Greenlay out)

main Activity Jova Public class Main Activity extends App Compost Activity private Toggle Button toggle Flashlight on offi private Lamera Managers comena Monager; Private String get Comera (D) @ override protected void on Create (Bundle soved interce Stote) Super. on Create (Soved Textone State)
set watert View (R. Layout activity - main); toggle Flowh light on off = find View ByD (R. id. toggle-frontlight); comera Monogen = (comera Mangers) get System Service (context. Camera Service); get lamera ID= camera Managers. get Comerald list () [0];
3 (atch ( Comera Accoun Exceptione) {
e.print Stack Trace ();
3 De Requires Apilapi = Brild Verrion\_Lodes,M)
public void toggle Flashlight ( view views & (toggle Flashlight on off. inchecked ())

Camera Monager. Set Torch Mode (get (amera 1), true); Toart. make Text (Main Activity, this; Flashlight is turned Toast. LENGTH- SMORT), Show () Cranora Accers Exception e) 9 e. print Stock Thate (), camera Monager. Set Torch Mode (get (omeral); Toast. make Text (Main Activity. Show)

"Flashlight is turned off"

"Flashlight is tur (damera Access Exception e) {
e-print Stack Trace ();