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	Assignment-
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1	Based on understanding, identify a fucest business
	Explain that has influented the Android playrom. Explain this thend imposts Android app dischapter.
	Explin this then Impate Android app dischapers.
->	"On-Demand Application"
	A second of the
The state of	-) Apps like Uler & Zomato have charged how
Æ	nee do things goonyday. They maket it
· Pre	east for us to get different
	sorvices just by tapping on owl phone
1	72111000
the later of	Ton Android App Developers:
	> More Specialization: Developers who are experts
4. 1	in creating on-demand apps are in
	and the state of t
	-> Tech Upgrades: Developers need to keep up with
	the latest mobile app technologies
	and half who make shift I
hancel	> Varied Work: Developers have apportunities to
24	work on different types of on-demand app
	For Business.
	- Tore publish.
	-> New Income: Business con care mancy dem
	these apps through commission of I
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	Page No.

an use to understand customers & make smooth, · Examples of these Apps: -> Zomento -> Uber -> Unban Clap -) Flip Rout -) Amozon India -> Swiggy 2. What is the purpose of an Inflator of layout ? Android layouts?

Pl fit into writerture of Android layouts? The purpose of an Infator is to convert layout files into view objects, such as buttons, text, & image views, by parsing the file & setting their attributes like size, position, and text. The Inflator is a crucial part of Android's layout architecture, responsible for creating the view history that defines the structure of all objects in an app.

It is commonly used to:

1. breate the intial layout of an activity or fragment 2. transpate dialog boxes & pop-up windows 3. Dynamically inflate new layout views.



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Janne Harrison	CANPAT UNIVERSITY, KHERVA-384012, DIST - MEHSANA. (N.G.)
1	In Android's layout aschitecture:
	- Layout Files: Stoked in her layout directory - Activity: It uses an Inflator to concert
	- Activity. It uses an Inflator to concert
	The layout like 100 Vin Out
	- Inflator: Layout Inflator Class
	View Hierarchy: Inflaton twos the design into
1	a family of their of view objects.
-	
	- User Interface: This View herrorchy acts as the
	bluephint for the app's apperance & behavious
pole (18	Destroy Trade of the second se
2. Yhalla	Explain the concept of a Custom Dialog Box In Android Aff. Provide tramples to
3.	toplan the contest Provide gramples to
	illust sate its use.
-	A custom Dialog Box in Android is a
Oll	
	the things of the
Carre	various purposes, such as display ouser
	input, offering holds bring I makes.
	complex layous the
	me Common way to implement it is
)]	1 sins Alost Dialog Class.
DEEP XEROX	ly using the state of the state
	Page No. 2

> class Main Activity: App Compact Activity () {
overside fun on Great Council Instance State: Bundle?) {
Super. on Creato Consed Instance State)
Set ContentView (R. layout. activity_main) Val dialog = My Custom Alort Dialog (this)
dialog. set Title ("My Custom Alort Dialog") dialog. SetMessage ("This is a custom dialog") dialog. set Positive Button ("OK") { dialog 3 dialog. Shoro () -> class My Custom Alert Dialog (content: Content): Alert Dialog (content): Content) Content private val title View: Text View

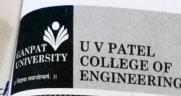
private val message Vi'vo: Text View I val loyout = Layout Inflator. from (context). inflate (R. layout. custom_dialog-loyout, hull) litle Vino = layout. find View By Id (R. id. title-view)
message Vino = layout. find View By Id (R. id. message - view)
Set Content Vino Clayout) fun settitle (title: String) {
fittle View text = title fun set Message (message: String) {
messagevino. text = message



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	to design a mobile ain?
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	Activities, sorvices and Manifest like are
	three pillors of app developmental
K (New Yorkships	The state of the s
	- Activities: Those handle what you see on
	Jour Screen & your intercutions. They are
1	Jour screen & your interactions. They are
61 11	Visit in Annual Specific Control of the State of the Stat
A TOP	-> Services; Task like downloading like or
	playing music without needing or visible interface
Axi	Washington Van Van Van Van Van Van Van Van Van Va
1 200 11	-) Manifest File: It's like an apps ID coad
0	and its permission.
	044 C 118 (27m/25101)
	-> Example of reather app;
	Market app,
	When you open it, the mais screen (activity)
	chases today use that it
	want more details, another screen
	Conother activity appers.
	Mannehile, a serviced keeps the weather
	into up-to-date in the hark ground.
DEEP XEROX	and the state of t

5. Hore does Android Manifest file impact
development of an Android app? The Android Manifest the is crucial in Android systems the Android system Androis about your app's components, pormission, hardware software needs, and metalate. Without it, your app won't function. -> Example of Permission got Internet and minimum SDK version check Caction landroid name = "android Intent. action, MAIN" />
Category android ham = "android intent. Category . LAUNCHER" />
Lintent - fitter > 2/intent-fitor7 Llaetivity > <uses - permission android name = android permission. INTERNET "1> <uses - 5dk android min Sdk Version = "21" android target Sdk Version = "33"/>
Clapplication > Capplication > </mainfest> Significance. The Android Mayifest file's importance lies in its ability to ability to control how apps interact with Android system & other apps. Interact of prolimense.



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That is the hole of hospitales In Android dividenment? Discurs the Various types of hospitales their Significance In creating real-structured Jampications. Provide gample to clarify your points - Resources in Android development whe vital to separating code of date vital to separating code of date adapting to discrete device (configurations, and supporting multilingual apps. - Types of resources. 1. Drawnoode: Image & UT graphics 2. Lagouts: Screen structure 3. strings: Text content for UT crycles UT appearance 5. Colors Colors Schemes 6. Many Structure 7. Animatical Animation instruction 8. Rays Harmings Unprocessed finary data	1	CANPAT UNIVERSITY, KHERVA-384012, DIST - MEHSANA. (N.G.)
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-) Resource - was Strings Example: \$ String o 2 String name = "greeting - afternoon" > Good Afternoon < 1string > 2 String name = "greeting - evening" > Good Evening < 1string > * activity _ main : 5 L. Text View android: id = "@tid/textVille" android : layout - width = "wrap content" android layout - height = "wrap-content android layout - height = "wrap-content android test="Osthing / greating"> * Main Activity. Rt & > class Main Activity: App Compat Activity () =
private lateinite var tentilism: Text View overside fun on Create (saved Instance State: Bundle?) {
Super. on Create (saved Instance State) set Contest View (R. layout activity - main) teat View = find View By Id (R. Vid. text View) Val hour OF Day = Calender. get Instance () get (calender. HOUR_OF_DAY)

Val greeting = 20hon {
how OF Day (12 > get String () string ge get in howe of Day (12-> get String (R. string. greeting _ morning)
how of Day (18-> get String (R. string. greeting - afternoon)
else ->get String (R. string. greeting - wening) font View. text = greeting

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