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updated verision is jelly beams some andriod versics rit Kat (4.4) Marshmallow (6.0) areo (8.0) Advamlages - support 2p and 3p graphics support multiple lang Java support Facter web browser suppoent audio vedio etc Disadvantages sandask wola is a mobile Os developed by samsung that runs on a wide range of Samsung tablets, in-vehi devices unduding smorthphones, infotainment (IVI) dovices, smart smart TV, smart cameras; Blu-ray players smart appliences and robotic vacuum deaners - In 2013 Sambung merge its homegroun Bado project in Tizen

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OS Pa - The Tizen association was farmed to guide the industry role of Tizen including requiremt gathering identifying faciliating rervice models and overall industry Adva apen marketing & education - 9m 2016 Samsung collaborated with Murosoff to bring Net supposent to Tizem - 9t is currently only one to develope and chas use Tizen OS. du - The Tizen Association works doesly with by Linear Journation which suppost the Tizen Open source project Versien April 30 2012: Tizen 1.0 released May 20 2017: Tizem 3.0 releaser 3) Andruad Vs Tigen Android developed by goagle whereas Tijen is developed by Linux Foundation, Tijen association Samsung, Intel - Android source model is opensource while Tison is open with SDK dressed source. - Android marketing larget includes smartphone Tablets Smart TV etc unereas Tuzen target include smartphone Tablets ars wearable computing, carnered, Sambung Smart home Android programmed in C1C++, Jours and Tizen in HTMLS a c++

ceveral better responsiveness

4.2 -	Roal + in the line of the state
	Real time scheduling
	-The std Linux Kermel provides e real-time
- 4	- The state of the
-	and the transport of packeduling along.
- /	- It implements FIFO secheduling algo. - Uhen sched FIFO task starts summing
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15.51	Link on Original Mother with
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	pricerity will not be scheduled until it
	precently way not
	relinquishes the CPU
	-2 equal-pricerity sched FIFO tasks do not
	and each other.
	-school RR is similar to school-FIFO except
	the such task are allocated timescless based
V-11/A TV	on their privarity and rum untill they
N. W.	and the distance solices
The Land	erchaust their time scien-
<u> </u>	- Non real time task use the Sched-Nermal
	scheduling policy
en iden	Landage and the first will site or be a
43	Thread scheduling
	Land Margarita to the control of the
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Echan	in the Android sys should ocum when
11	and los Spars loss and side thousand schooling
1	uses 2 main factors to determine
2,700.01	uses 2 main jadas no deleramente
	Scheduling
Company of the Compan	Daishine Brest, was it as
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Niceness value - Control groups a thread with higher nicess values will run less often than those with lower niceness necesmess val has the stange -20 to 19 The Hread where it started default val o - 9t is possible to change the priority ira o thread set Priority (int priority) - 0 to 10 4.4. Priereity Based Pre-Emptive Task scheduling Task scheduling is core which refers to the way the diff proceesses are allowed to share the common cpu - Schedular and dispatcher are the slar which help to carry out this assignment. - Andreid Os use O(i) scheduling algo asitis basedon linux Rormel 2.6 - The schedulas names are completely fair schedular as the processes can schedule within a constant amount of time regardless of how many process are summing on 05 - Bre emplie Fask scheduling involves enterupting the low price ruly task when high pricerity task are present in the queue



This scheduling is used for mobile Os as the cru ulitization medicin, Tt time and response time is high - Mobile phonos are required to meet apecific time deadlines for task to cercus 4.5 Dynamic privarity preemptive scheduling - earliest - deadline 1st scheduling a job priority is inversely propartional to its absolutely dearlline. - The difference between deadline monolonic scheduling and earliest deadline 1st scheduling is that DM is a static priority algo. EDF is a - EPF et can guarantee that all deadlines are met provided that the total cru utilization is Jees Ham Conclusion Thus & have studied concept of process Schedulin of Indroid Types OS