Practical no: 11

Problem Statement: - Study assignment on process

scheduling algorithms in Android and Tizen.

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Class: T.E. Computer

**Subject: SPOS** 

Div: A

Roll no: 02

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	Spos Assignment C-4 Roll no: 02
	Title:
	study assignment on process schedwing algorith
	11000 - 00050
	Objectives: 1) To understand Android 08
1	2) To understand Tizen 05 4 concept of
	process management.
)	Software requirement: Android SDK.
	Hardware requirement: M/c Lenovo Think Centre M700
	6100, 6th Gen. H81, 4GB RAM.
	Theory Concepts:
	Android 08: Android is a mobile 0.8. developed
T.A	Google, based on a modified version of
	linux kernel and other open source software an
	designed primarily for touchscreen mobile device
	such as smartphones & tablets.
	Some android vesions:
	1> Gingerboard (2.3)
	23 Honeycomb (3.0)
Alforda S	3> Tre creme sandwich (4.0)
	4) Jelly Bean (4.3 4.2 4.1)
Inter	(5) 1x:Hxat (4:4)
	6) Inlines (5.0)
	3 Marshmellow (6.0)
	8) Nougat (7.0)
	9) Oreo (8.0)

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	Advantages:
1.0	1) Support 20 & 30 Graphics.
	2> Support multiple language.
	3> Java support.
	4) Fast web browser.
	5> Support audio, video etc.
	- Support dudit, vioco etc.
	Disadvantages:
	1> slow response
	3 Heat
	3> Advertisement
	-> ITQVETALSEVIEWIC
	Tizen os: Tizen is a mobile o.s. developed by Samsu
	that runs on a wide range of samsung
	devices, including smartphones, tablets, in vehicle info.
	devices, smart televisions, smart cameras, smartwat
74	Blu-ray players and mbotic vaccume cleaners
	1510-Tay players and resource execute greaters
	Dalas Lanca al Lanca Thomas
	Advantages of using Tizen os.
	1> It is an open source operating system.
	3 The Os is compatible with various mobile
	platform. Application buit on Tizen can be launche
	on ios & Android too with few changes
	3> The tizen 03 is so flexible to offer many application
	4 adapt too, with little changes.
	4> Immense personalization capability supported
	by ARM X86 processor.

## Android vs Tizen Operating system:



11.0	Process scheduling algorithm in android & Tizen os.
	1> Normal scheduling
	3 Real time scheduling
	3> Thread scheduling hours
	1) Priority based Pre-Emptive Task Schedwing for
	Android O.S.
	S) Dynamic priority pre-emptive scheduling
	A Head was not see
	Conclusion:
	Thus, we have studied concept of process scheduling
	of Undroid and Tizen o.s.

```
C:\Program Files\Java\jdk-10.0.1\bin\javac Bankers.java
C:\Program Files\Java\jdk-10.0.1\bin\javac Bankers
Enter no. of processes and resources: 3
2
Enter allocation matrix -->
2 3 4
3 5 1
Enter max matrix -->
4 5 6
2 0 0
Enter available matrix -->
3 2 2
Allocated process: 0
Allocated process: 1
Allocated process: 2
Safely allocated
C:\Program Files\Java\jdk-10.0.1\bin>
```