

COMPS413F – Quiz 1

Question 1

[9 marks]

Given the distribution of Android devices in use:

Version	Codename	API	Distribution
2.2	Froyo	8	1.3%
2.3.3 - 2.3.7	Gingerbread	10	21.2%
3.2	Honeycomb	13	0.1%
4.0.3 - 4.0.4	Ice Cream Sandwich	15	16.9%
4.1.x	Jelly Bean	16	35.9%
4.2.x		17	15.4%
4.3		18	7.8%
4.4	KitKat	19	1.4%

(<http://developer.android.com/resources/dashboard/platform-versions.html>)

Which version has the largest share of the distribution? If you wish to target for 75% or more of Android devices, **which** API level should you use and **what** is the corresponding distribution?

[9]



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Question 1

[8 marks]

Given the distribution of Android devices in use:

Version	Codename	API	Distribution
2.2	Froyo	8	1.2%
2.3.3 - 2.3.7	Gingerbread	10	19.0%
3.2	Honeycomb	13	0.1%
4.0.3 - 4.0.4	Ice Cream Sandwich	15	15.2%
4.1.x	Jelly Bean	16	35.3%
4.2.x		17	17.1%
4.3		18	9.6%
4.4	KitKat	19	2.5%

(<http://developer.android.com/resources/dashboard/platform-versions.html>)

Which version has the largest share of the distribution? If you wish to target for 75% or more of Android devices, **which** API level should you use and **what** is the resulting distribution?



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[8 marks]

Given the distribution of Android devices in use:

Version	Codename	API	Distribution
2.2	Froyo	8	0.7%
2.3.3 - 2.3.7	Gingerbread	10	13.6%
4.0.3 - 4.0.4	Ice Cream Sandwich	15	10.6%
4.1.x	Jelly Bean	16	26.5%
4.2.x		17	19.8%
4.3		18	7.9%
4.4	KitKat	19	20.9%

(<http://developer.android.com/resources/dashboard/platform-versions.html>)

Which version has the largest share of the distribution? If you wish to target for 70% or more of Android devices, **which** API level should you use and **what** is the resulting distribution?

[8]



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Question 1

[6 marks]

Given the distribution of Android devices in use:

Version	Codename	API	Distribution
1.6	Donut	4	0.2%
2.1	Eclair	7	2.2%
2.2	Froyo	8	8.1%
2.3 - 2.3.2	Gingerbread	9	0.2%
2.3.3 - 2.3.7		10	45.4%
3.1	Honeycomb	12	0.3%
3.2		13	1.0%
4.0.3 - 4.0.4	Ice Cream Sandwich	15	29.0%
4.1	Jelly Bean	16	12.2%
4.2		17	1.4%

(<http://developer.android.com/resources/dashboard/platform-versions.html>)

Which version has the largest share of the distribution? If you wish to target for 95% or more of Android devices, **which** API level should you use and **what** is the corresponding distribution?
[6]



(b) Given the distribution of Android devices in use:

Platform	Codename	API Level	Distribution
Android 1.5	Cupcake	3	0.4%
Android 1.6	Donut	4	0.8%
Android 2.1	Eclair	7	6.6%
Android 2.2	Froyo	8	25.3%
Android 2.3 - Android 2.3.2	Gingerbread	9	0.5%
Android 2.3.3 - Android 2.3.7		10	61.5%
Android 3.0	Honeycomb	11	0.1%
Android 3.1		12	1.1%
Android 3.2		13	2.1%
Android 4.0 - Android 4.0.2	Ice Cream Sandwich	14	0.4%
Android 4.0.3		15	1.2%

(<http://developer.android.com/resources/dashboard/platform-versions.html>)

Which version has the largest share of the distribution? If you wish to target for 95% or more of Android devices, **which** API level should you use and **what** is the corresponding distribution?

[6]

