Task 1.

1.2)

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| --- | --- | --- | --- |
| Title | Happy Pitbull | Rainy Nights | Je voudrais tre un pigeon |
| Artist | Bruce Lee | KieloKaz | Monplaisir |
| Composer | Bruce Lee | KieloKaz | Monplaisir |
| Album | Nebo Eto Ne Kosmos | Walker Traffic | G.O.O.D. |
| Copyright info | Creative Commons Attribution-NonCommercial-NoDerivatives 4.0: http://creativecommons.org/licenses/by-nc-nd/4.0/ | Creative Commons Attribution-NonCommercial-NoDerivatives 4.0: http://creativecommons.org/licenses/by-nc-nd/4.0/ | - |
| Genre | Electronic; Drum&Bass | Jazz | Rock |
| Source | URL: http://freemusicarchive.org/music/Bruce\_Lee/Nebo\_Eto\_Ne\_Kosmos/02\_-\_Bruce\_Lee\_-\_Happy\_Pitbul\_1207 | URL: http://freemusicarchive.org/music/KieLoKaz/Walker\_Traffic/Rainy\_Nights\_KieLoKaz\_ID\_159 | URL: http://freemusicarchive.org/music/Monplaisir/GOOD/Monplaisir\_-\_GOOD\_-\_06\_Je\_voudrais\_tre\_un\_pigeon |
| File/audio format | Mp3 | Mp3 | Mp3 |
| Number of channels | 2 | 2 | 2 |
| Sample rate | 44,1kHz | 44,1kHz | 44,1kHz |
| Bit per second | 320kbps | 320kbps | 320kbps |
| Duration | 00:03:02 | 00:05:55 | 00:02:48 |
| File size | 7.20MB | 13.5MB | 6.49MB |

Task 2:

2.1) insert images???

2.2) Looking at a time-frequency analysis you can actually indicate different pitch frequencies at the particular time and peak and bin frequencies. A waveform analysis is suitable only for indication of true amplitude i.e. sound pressure/energy which shows us how loud is a track at a particular time and is measured in decibels (Db). It does not represent frequencies at a particular pitch and it is not suitable for the determination of frequency components. In frequency analysis the music signal is considered a composition of many individual signals with different amplitude, phase and frequency.