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**Internet Technology 2**

**Lab 6**

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**Q. 4)**

The scale of the linear output is lower than the one of the dB output. The reason is that dB uses a logarithmic scale which can be used to analyze a large range of quantities.

**Q. 6)**

Chart

Description automatically generated with low confidence

Frequency range for the bass is from 20 Hz to 500 Hz. The dB gain for 100 Hz is 9.1 dB.

**Q. 7)**

The dB gain for the 5000 Hz slider is 0 dB.

**Q. 8)**

**Application

Description automatically generated with medium confidence**

A screenshot of a computer

Description automatically generated with medium confidence

There is a clear difference in the waveform. Bass boost improves the sound quality by boosting the bass response in the frequency range that is supported by the speaker.

**Q. 9)**

Timeline

Description automatically generated

When using the bass boost again, you’re improving the sound quality.

**Q. 10)**

A picture containing graphical user interface

Description automatically generated

Graphical user interface, histogram

Description automatically generated

Every time when the bass boost is selected, the low frequencies are boosted.

**Q. 13)**

Chart

Description automatically generated

The filter cuts off the low and high frequencies. This way the filter gets rid of unwanted background noises.