| **Name** | Adwait Purao |
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| **UID no.** | 2021300101 |

| **Experiment 3** | |
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| **Problem Statement** | Analyse the Audio Signal in frequency Domain |
| **ALGORITHM:** | 1. Record Audio Password and filter the noise ===>> x[n].  2. Plot x[n]  3.Transform Audio Signal x[n] from Time Domain to Frequency Domain  using DFT ==>>. X[k]  4.Plot Magnitude Spectrum of X[k] |
| **RESULT:** |  |