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

| **Experiment 2** | |
| --- | --- |
| **Problem Statement** | Authenticate the user by measuring the degree of similarity between stored audio Password and Test Audio Password |
| **ALGORITHM:** | 1.Record Audio Password and filter the noise x[n].  2. Play the recorded Audio signal x[n].  3. Record Test Audio Password and filter the noise y[n].  4. Play the recorded Test Audio signal y[n].  5. Calculate Coefficient of Correlation r  6. Authenticate the user by selecting appropriate Threshold value (Anything > 0.9) |
| **RESULT:** | When Audio and password are different.    When Audio and password are same. |