

## **Assignment-5**

### **Due on 21st March, 2023**

Write a Python script that implements RC4 for encryption and decryption. Your script should read a sound file in the wave format and produce an encrypted version of the same file. Try listening to both the original and its encrypted version through a sound player on your computer. Now use your decryption program to recover the original from the encrypted version. Verify the correctness of decryption by listening to the sounds again. Your key length should be 16 ASCII characters that you enter from the keyboard. (These would translate into a 128 bit encryption key.)