

사용 프로그램

- Python – Anaconda
- Jupyter Notebook
- Github
- Praat
 - 44100HZ의 의미: Praat 음성파일을 확대했을 때 끊어지는 점과 점 사이의 간격이 44100분의 1초
 - 음파가 위아래로 길수록 intensity가 강함
 - 음파 창 위에가 고주파(빠르게 움직임) 아래가 저주파(느리게 움직임)

Phonetics(음성학)

- 종류: Articulatory/ Acoustic/ Auditory
- Articulation; vocal tract
 - ✚ Upper: lip, teeth, alveolar ridge, hard palate, velum, uvula, pharynx
 - ✚ Lower: lip, (tongue) tip, blade, front, center, back, root, epiglottis
- 5 Constrictors: lips, tongue tip, tongue body, velum, larynx
 - ✚ Larynx
 - vocal cord vibration – phonation process
 - ✚ Velum
 - oro-nasal process
 - when lowered: m n ng
- * all vowels use tongue body as a constrictor
- Constriction Location (CL)
 - = Place of Articulation
 - * /y/ : tongue body 사용
 - lips/ tongue tip/ tongue body
- Constriction Degree (CD)
 - upper↔lower
 - stops/ fricatives/ approximants/ vowels

Practice

- Velum raised, larynx opened, tongue tip, alveolar, stop=?
=> /t/