

영상처리

과제 HW#2

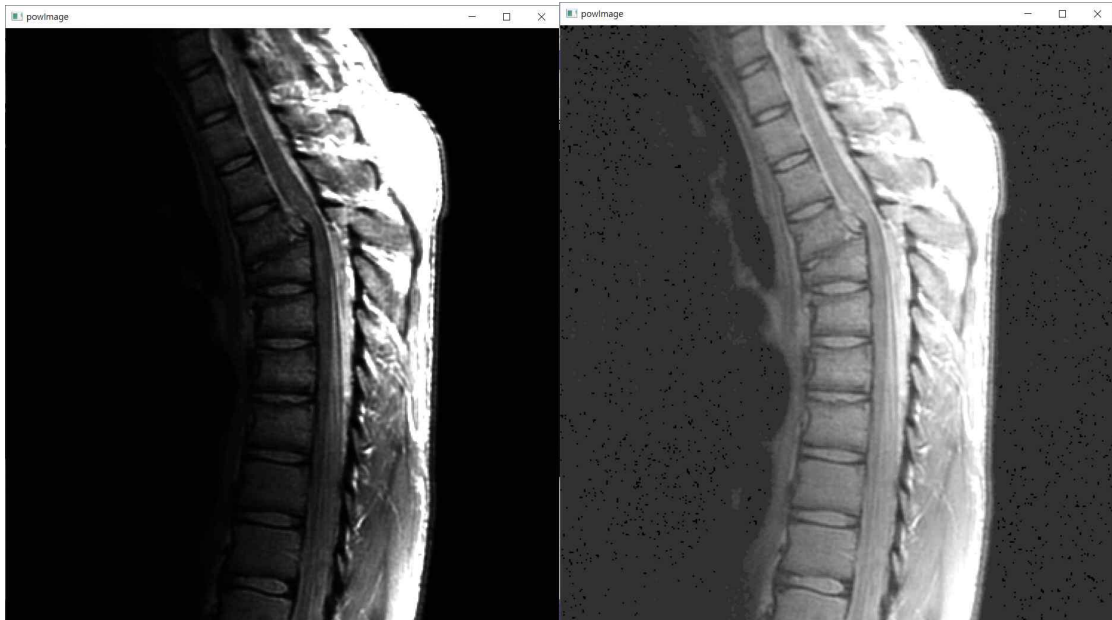
학과 : 소프트웨어학과

학번 : 2016039016

이름 : 유수형

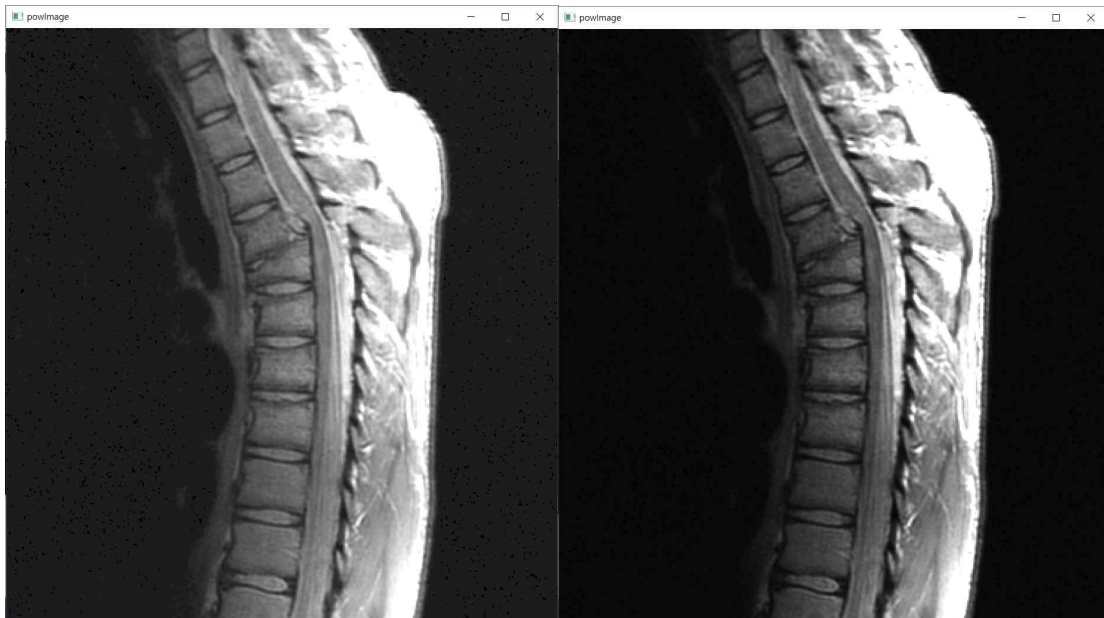


HW#2-1. Power Law



감마 값 : 1

감마 값 : 0.3



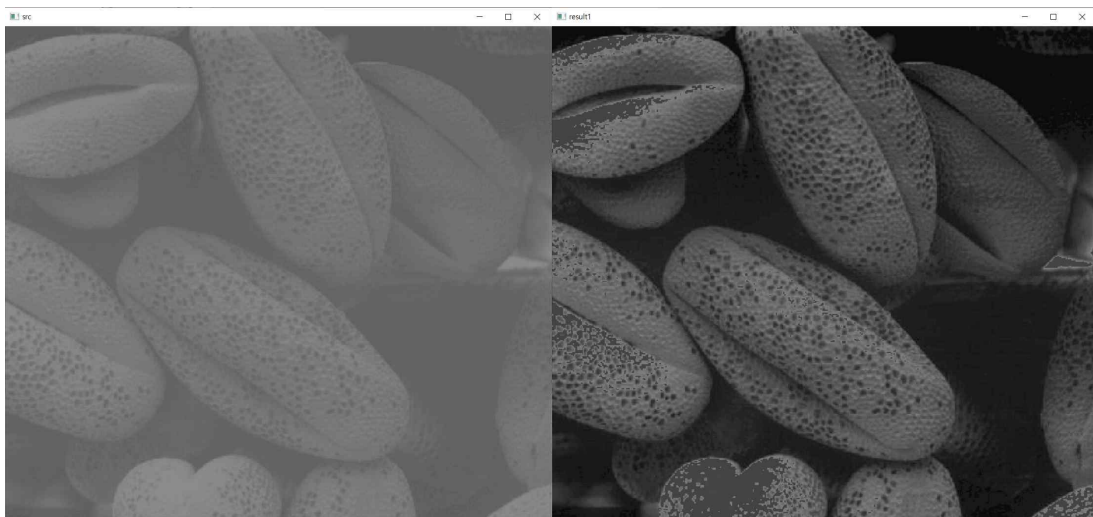
감마 값 : 0.4

감마 값 : 0.6

HW#2-2. Piecewise-Linear Transform



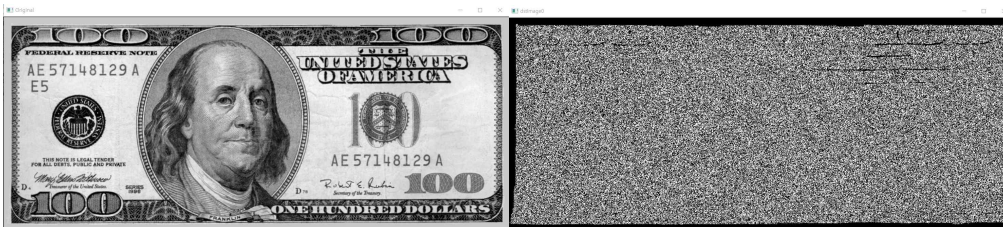
Fig3.10(a)의 함수를 적용시킨 이미지



저대비 영상

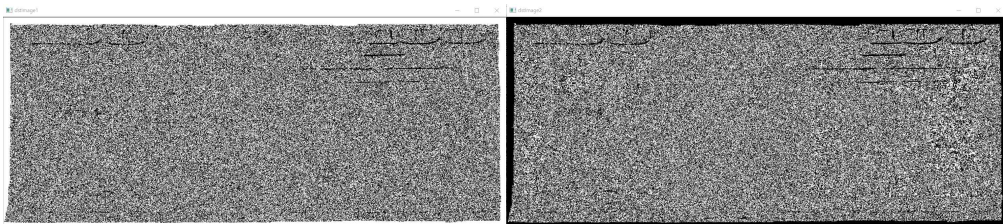
대비 증가 결과

HW#2-3. Bit Plane Slicing



원본

bit-0



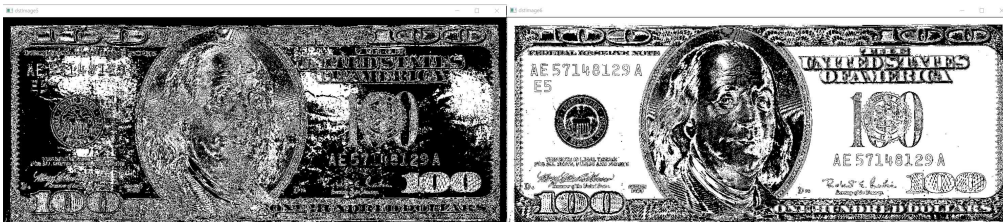
bit-1

bit-2



bit-3

bit-4



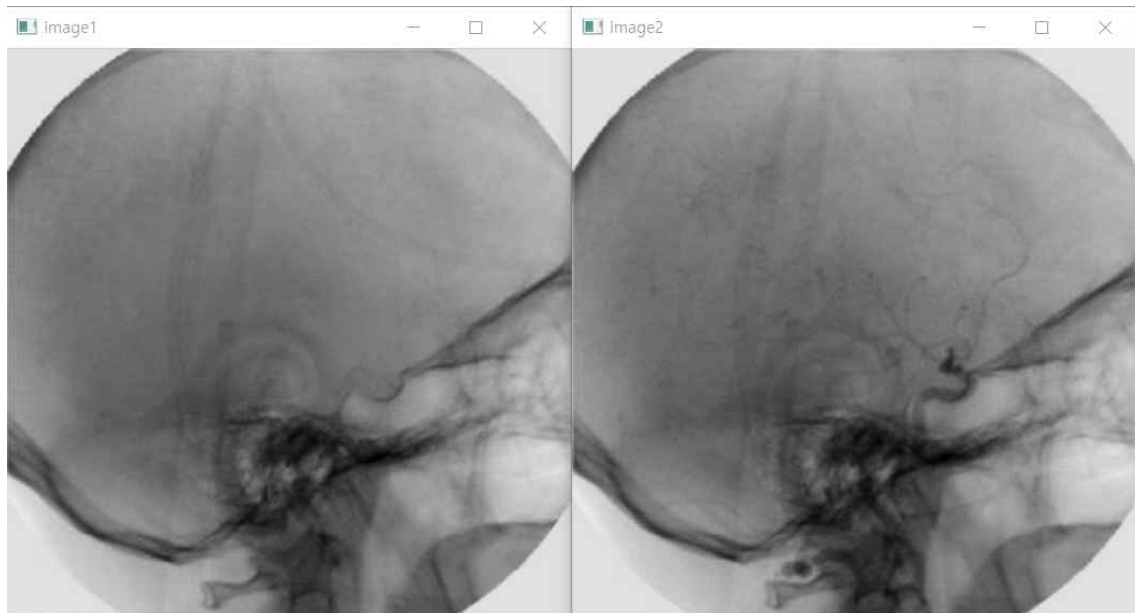
bit-5

bit-6

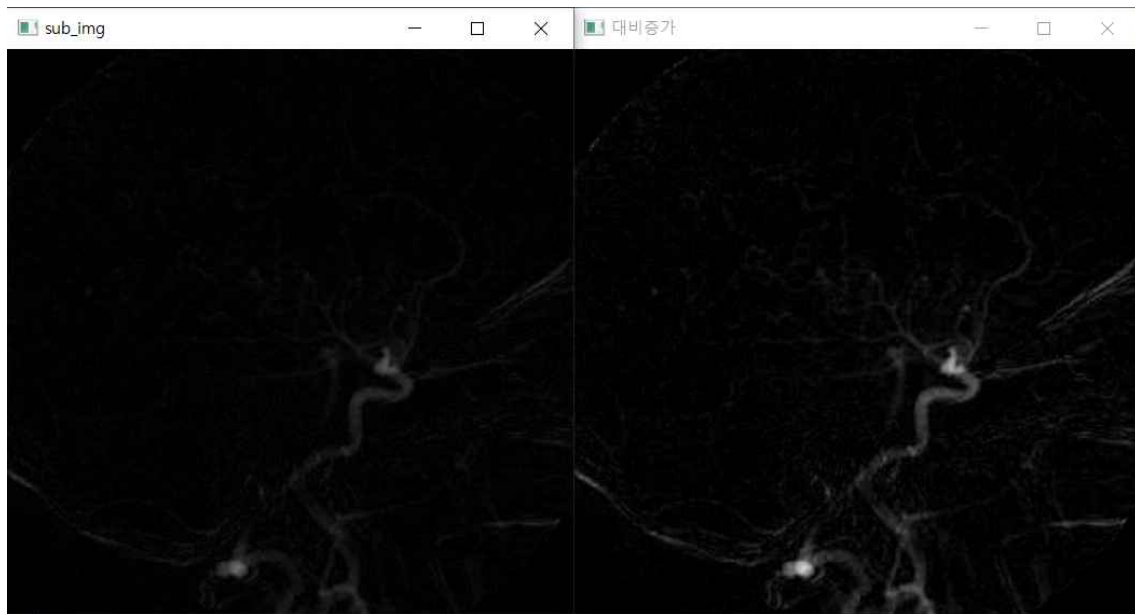


bit-7

HW#2-4. Subtraction

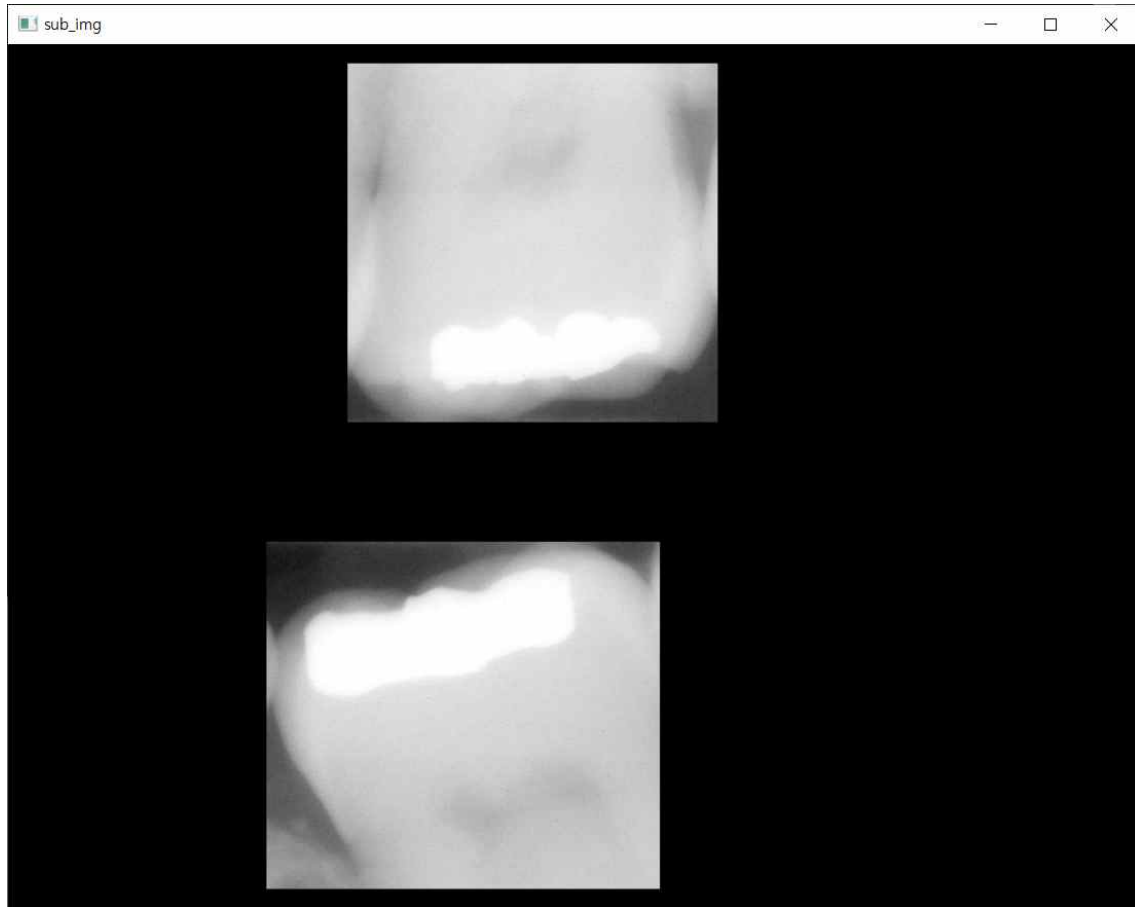


비교할 환자의 영상



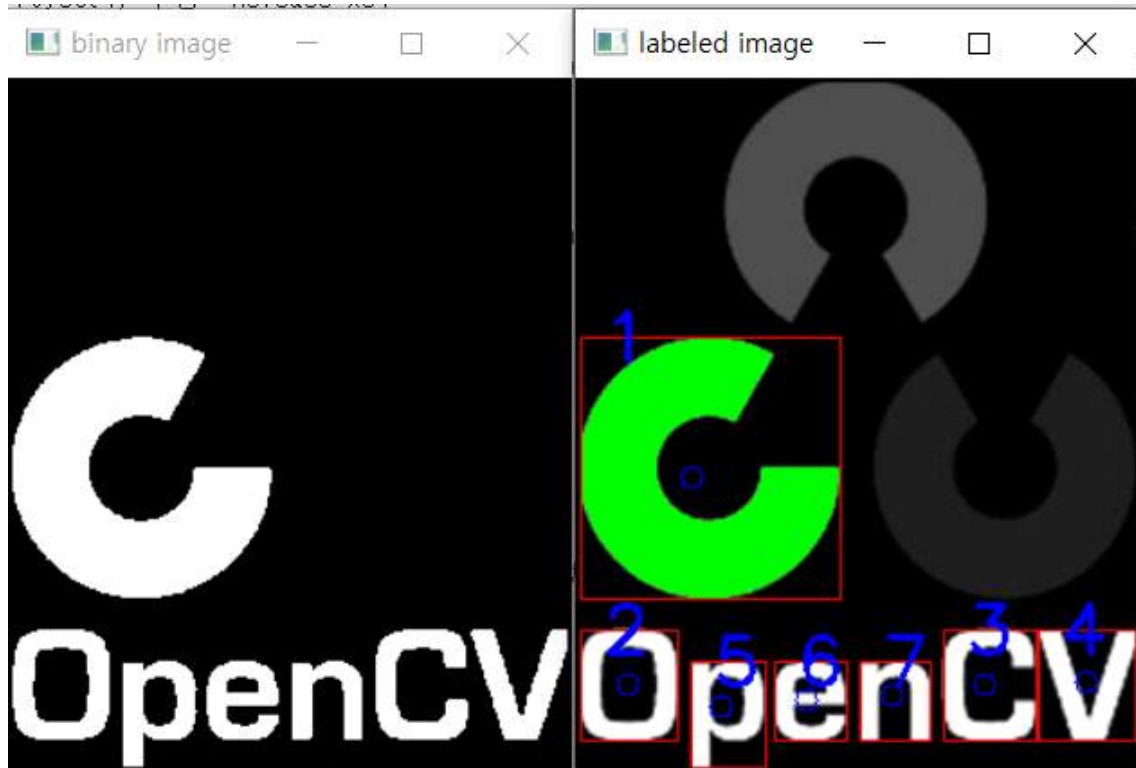
비교본과 대비 증가

HW#2-5. Logic Operation



and연산을 통한 화면 출력 결과

HW#2-6. Connected Component



이진 화면과 라벨링 부여 결과 화면