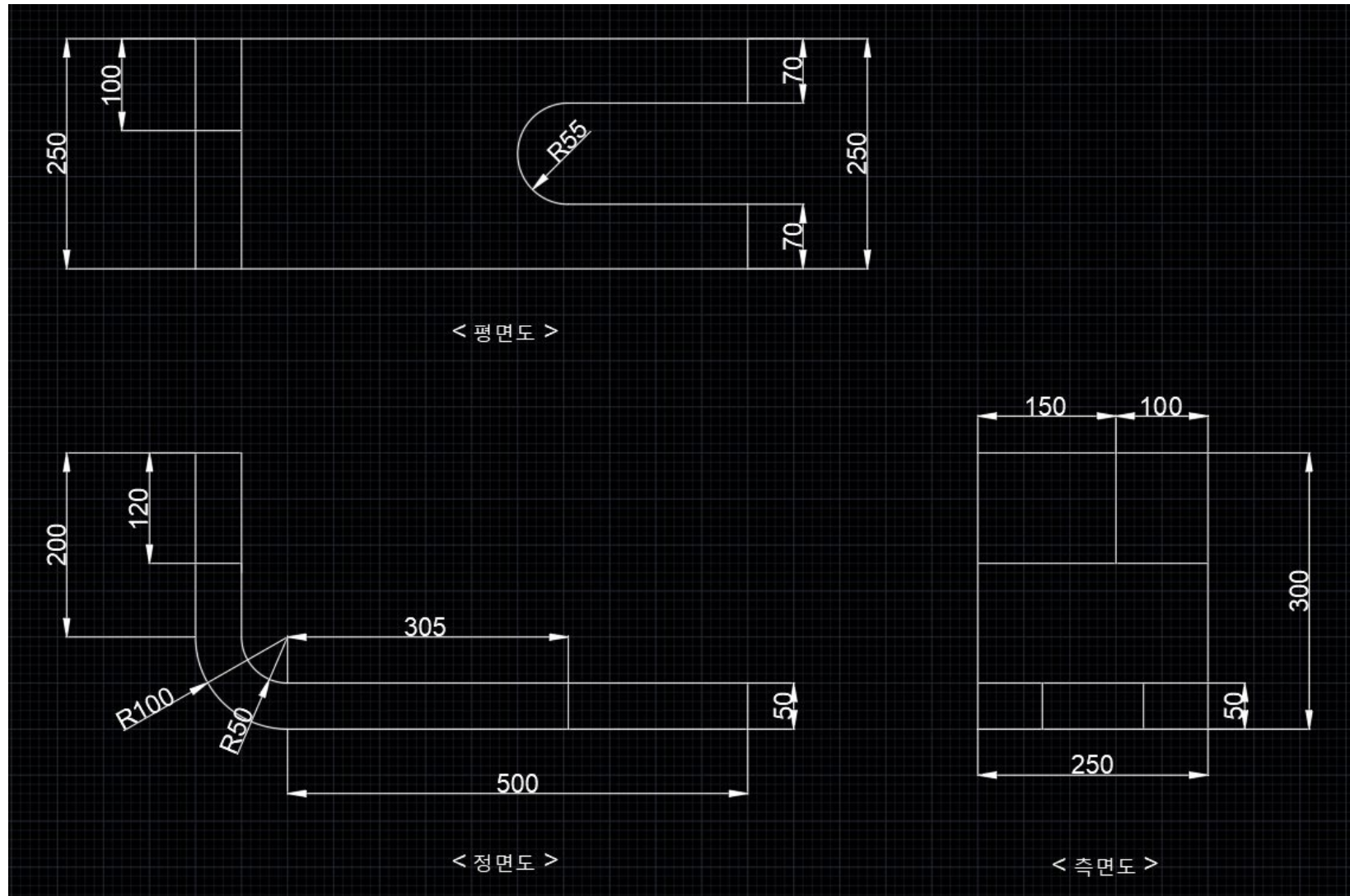


1. CATIA 학습

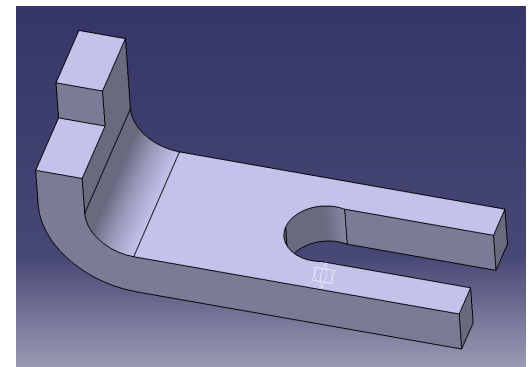
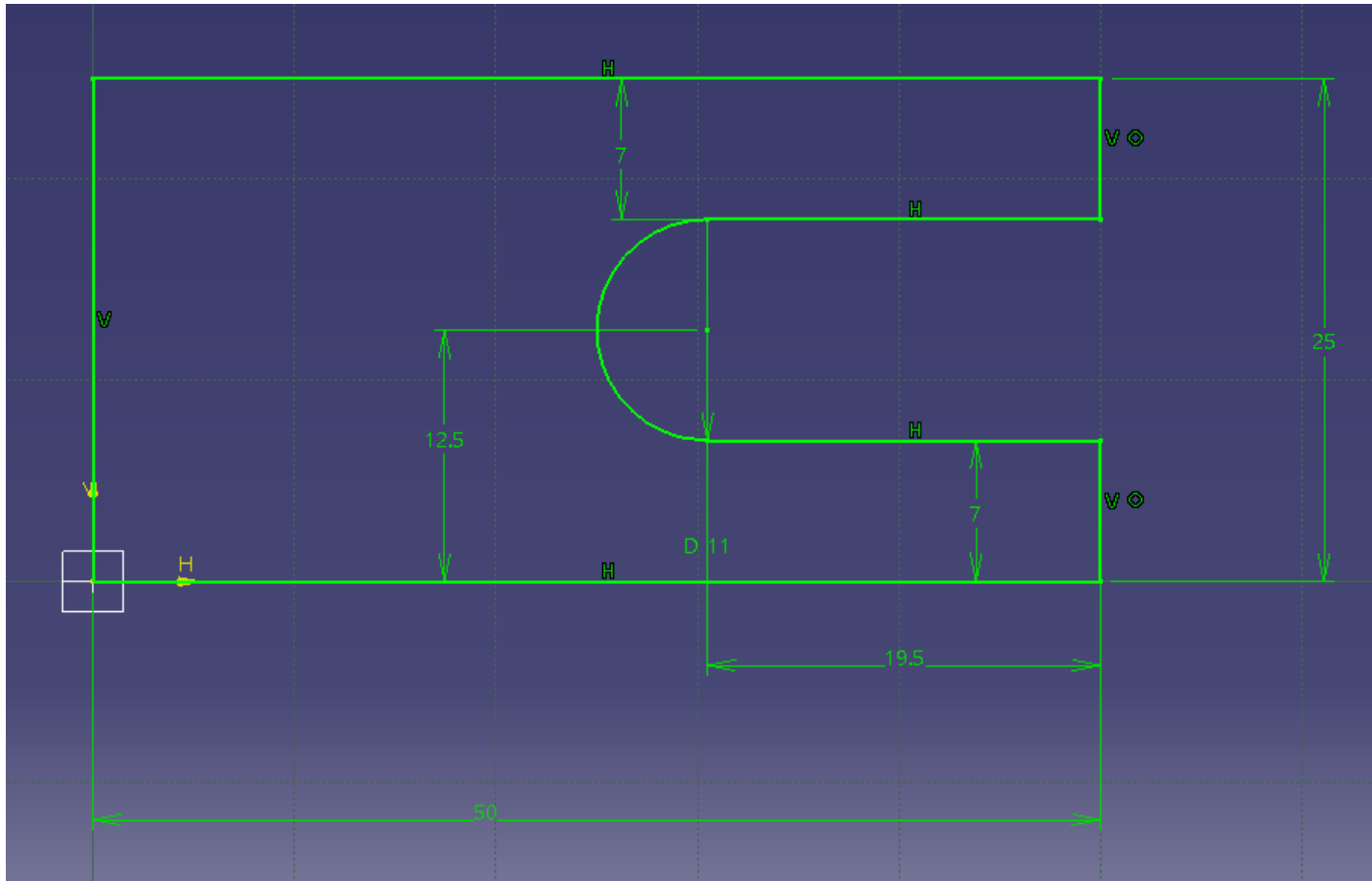
- 커터(cutter)에 대한 평면 도면을 이용하여 **3D 도면을 작성**할 수 있다.
- 3D 형상 모델을 이용하여 **2D 도면을 작성**할 수 있다.
- 3D 도면과 Analysis manager를 이용하여 **유한요소해석**을 수행할 수 있다.

✓ Cutter(커터) 2D 도면



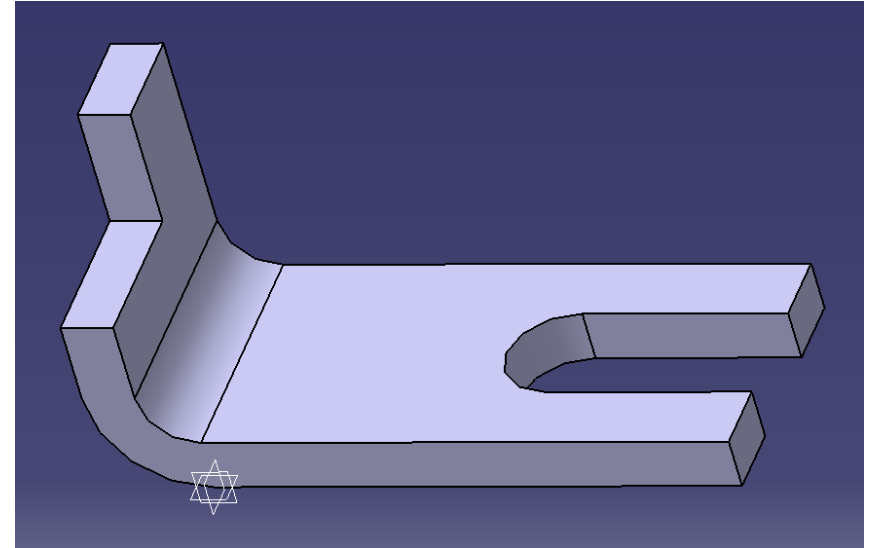
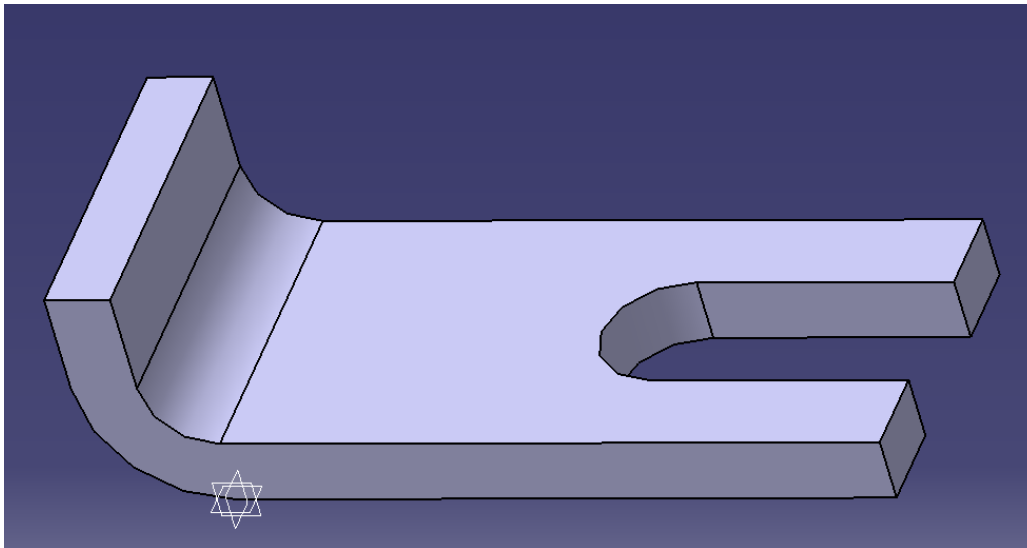
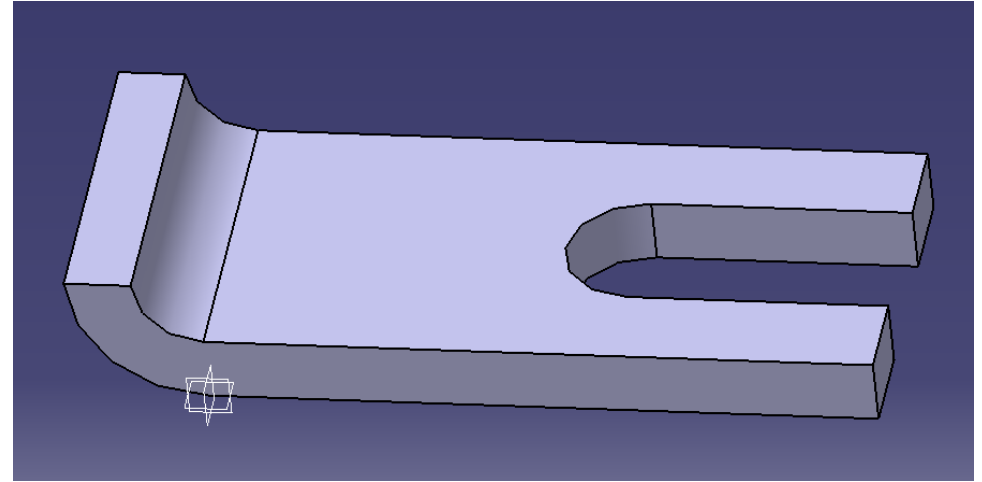
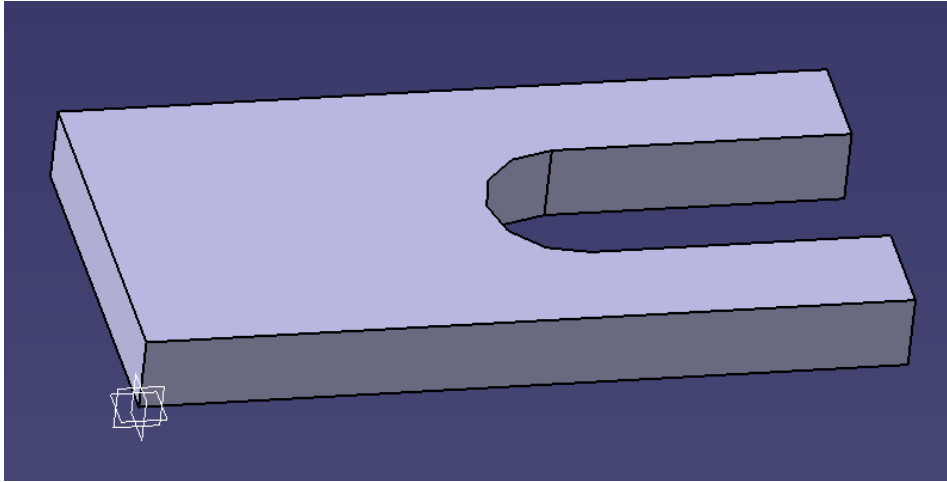
✓ 카티아 도면 그리기: Cutter(커터)

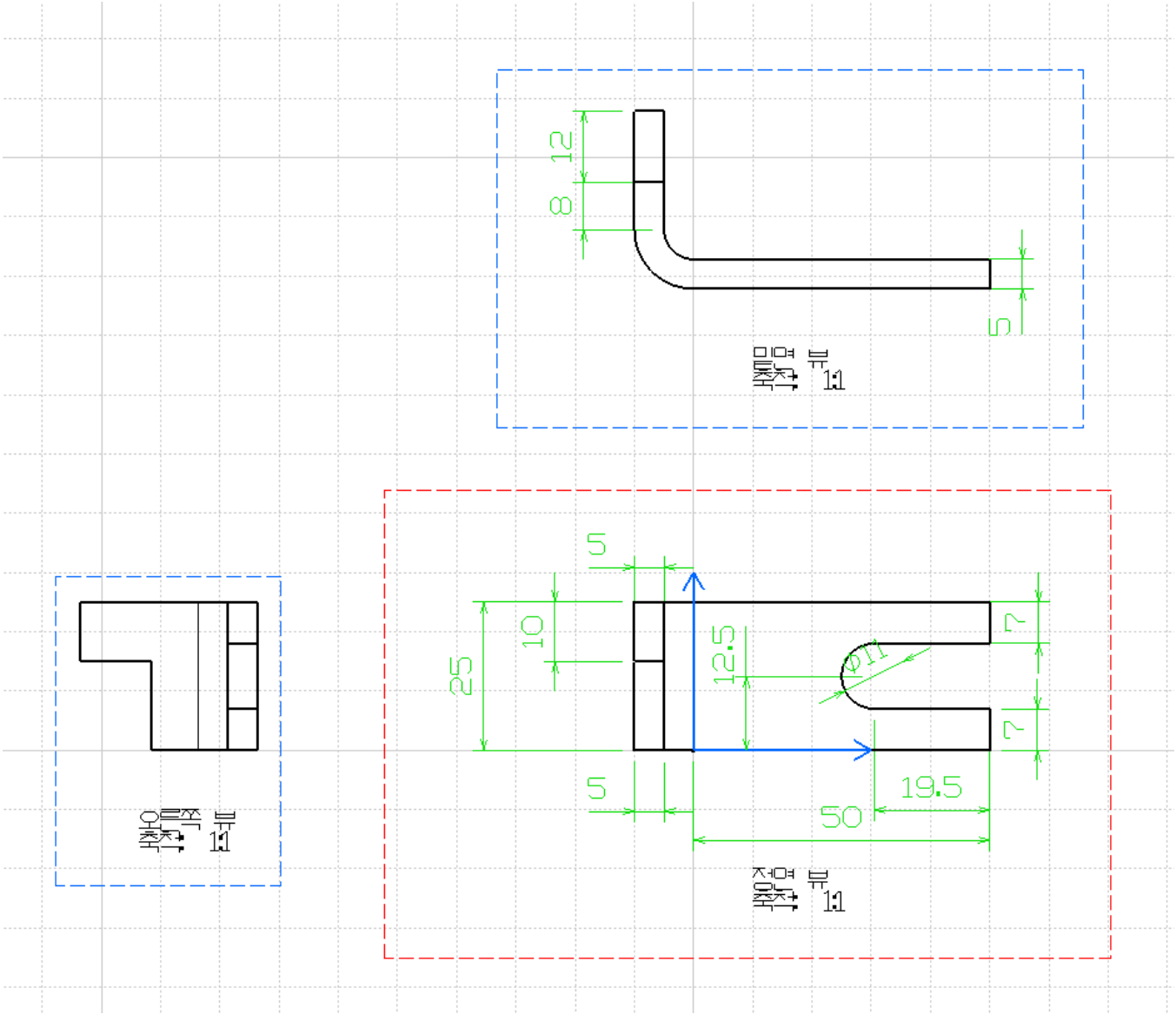
-스케치 그리기



CATIA 학습 5

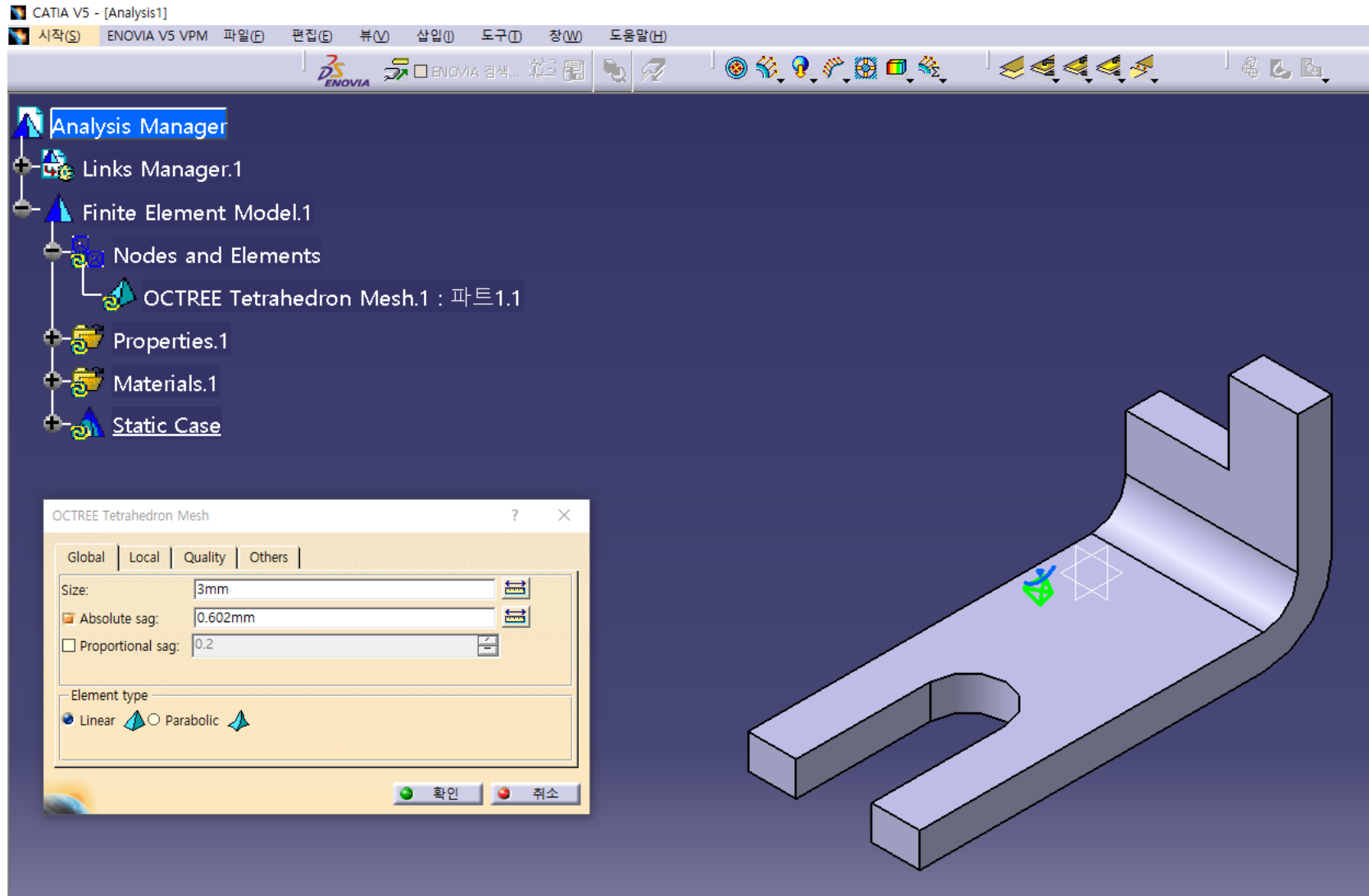
-피쳐 그리기: 패드, 리브





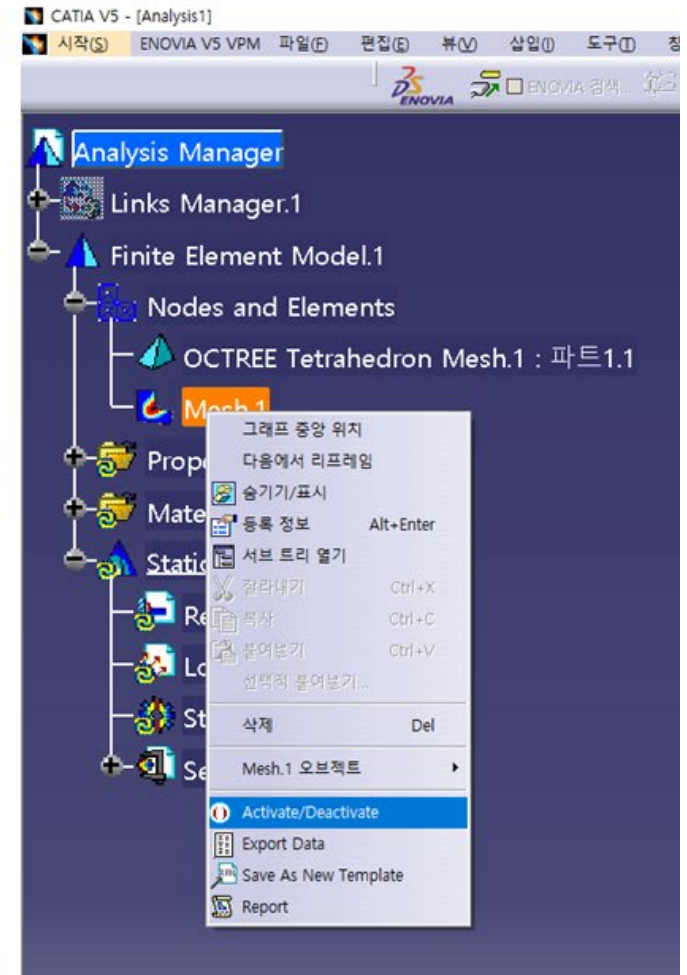
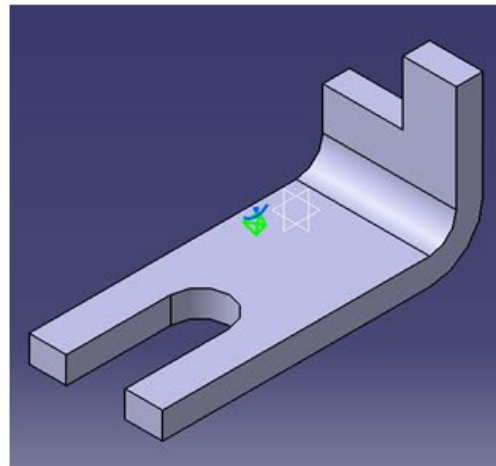
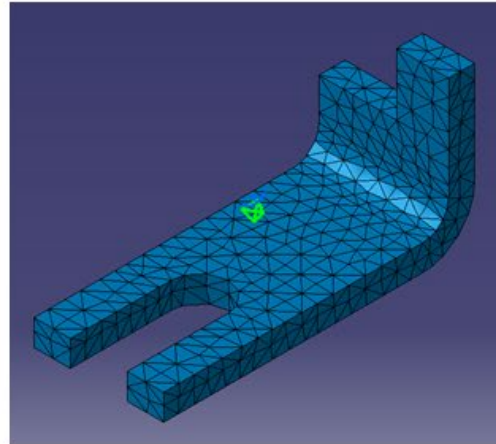
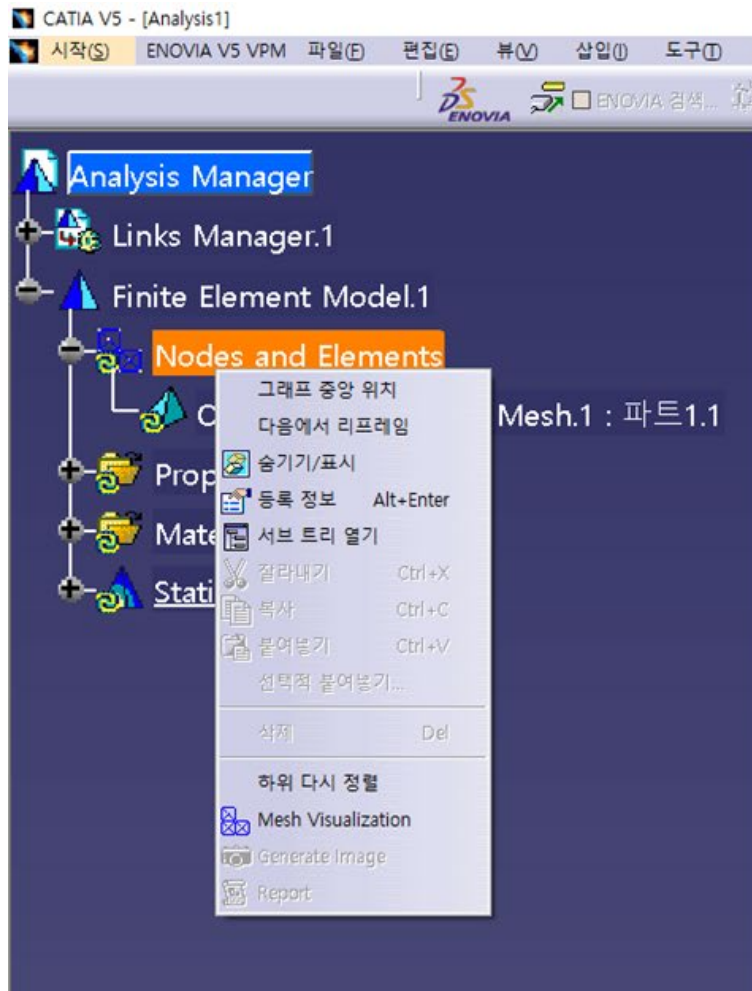
CATIA 학습 5

-유한요소해석(구조해석) 연습

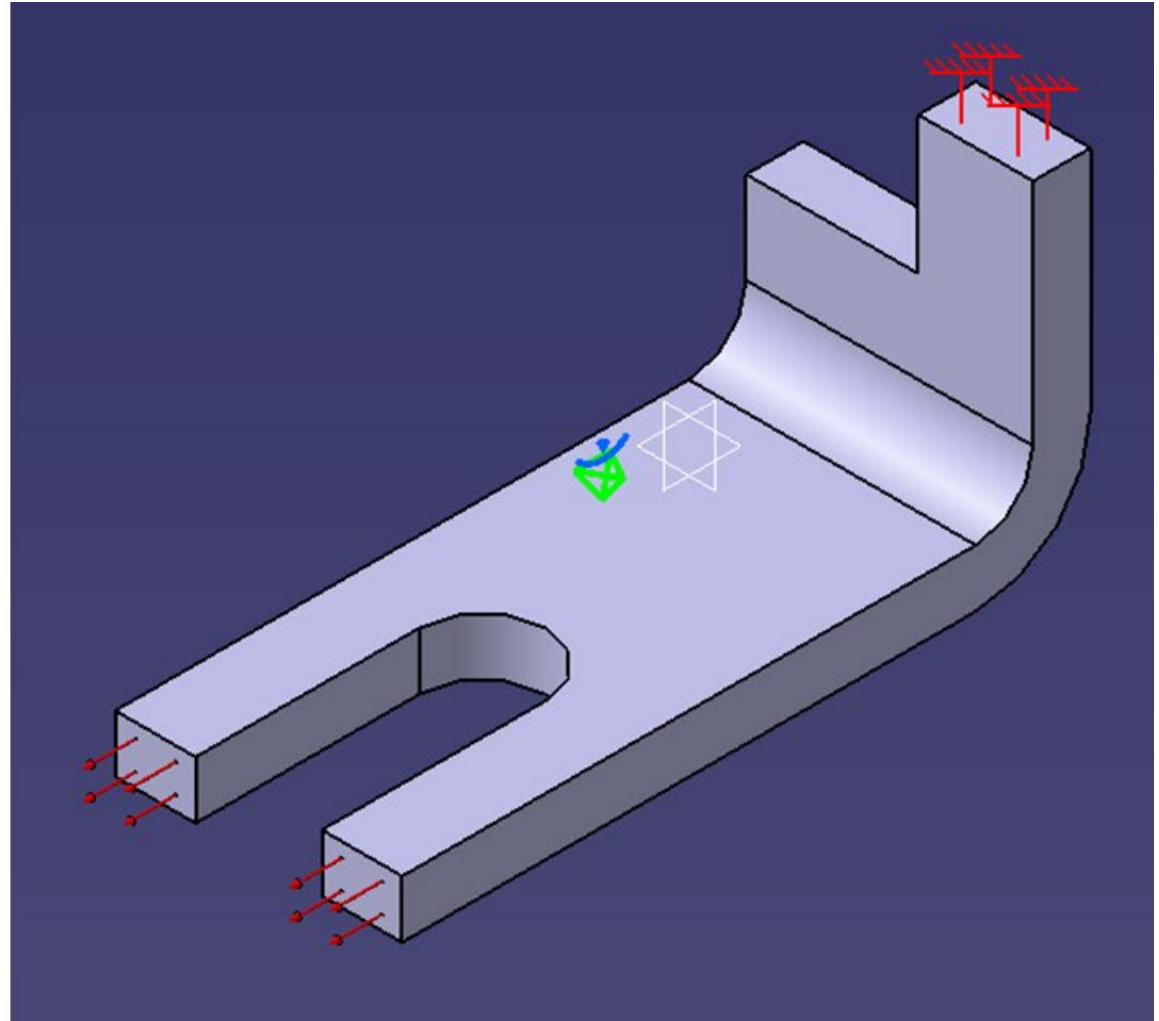
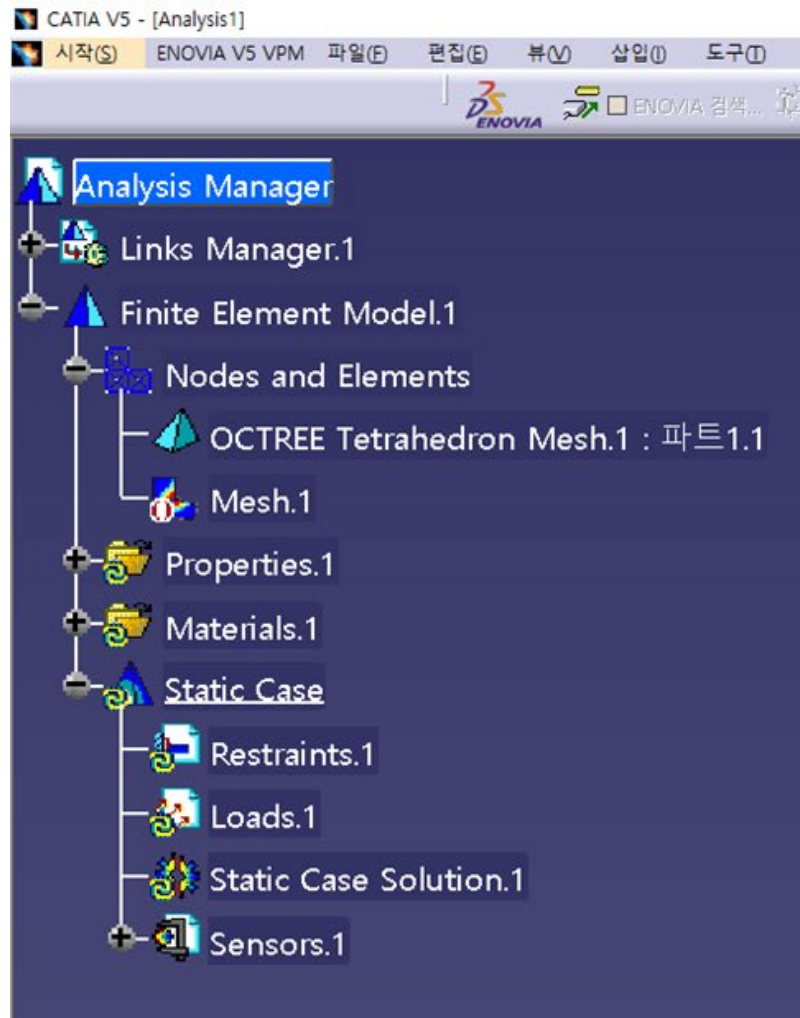


CATIA 학습 5

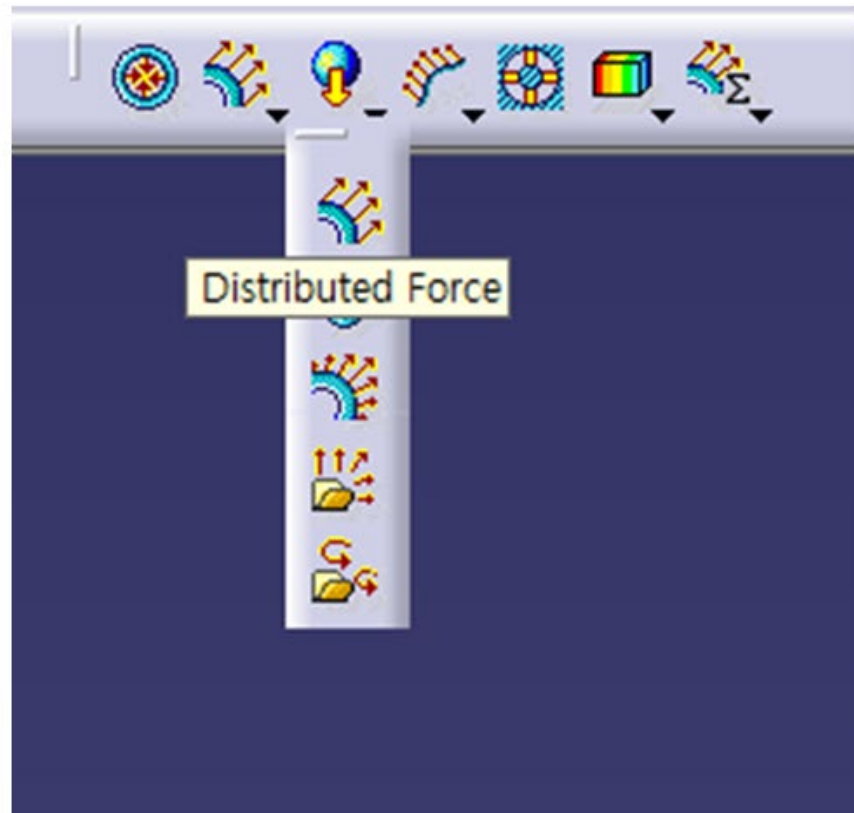
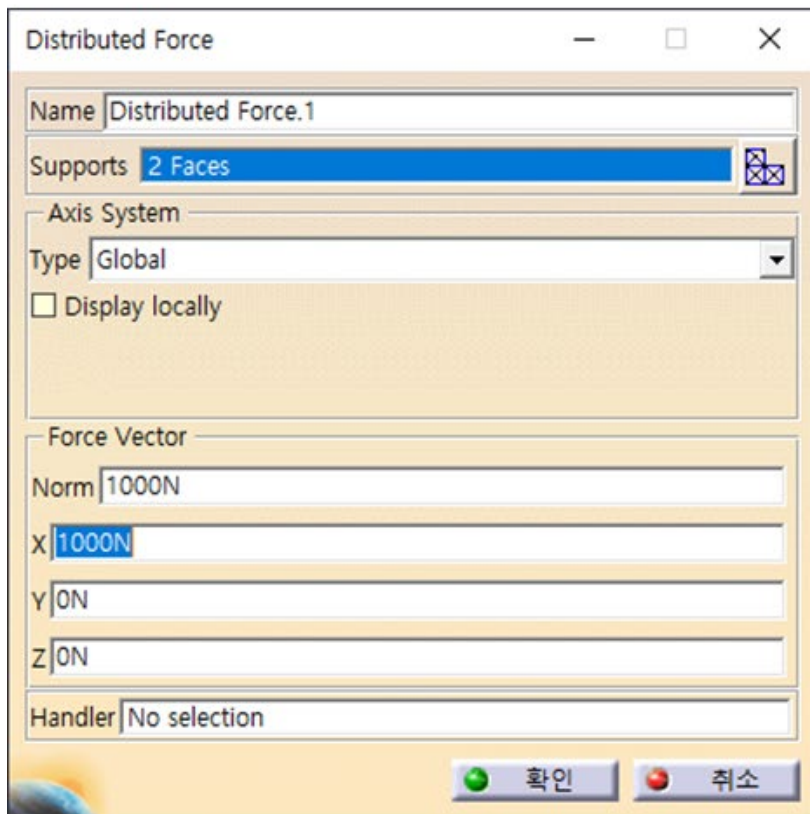
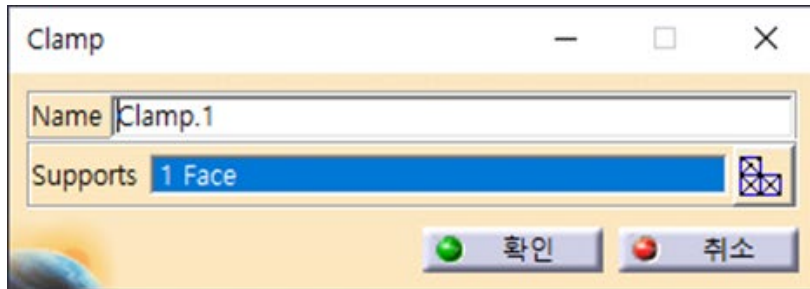
1) 요소망 생성

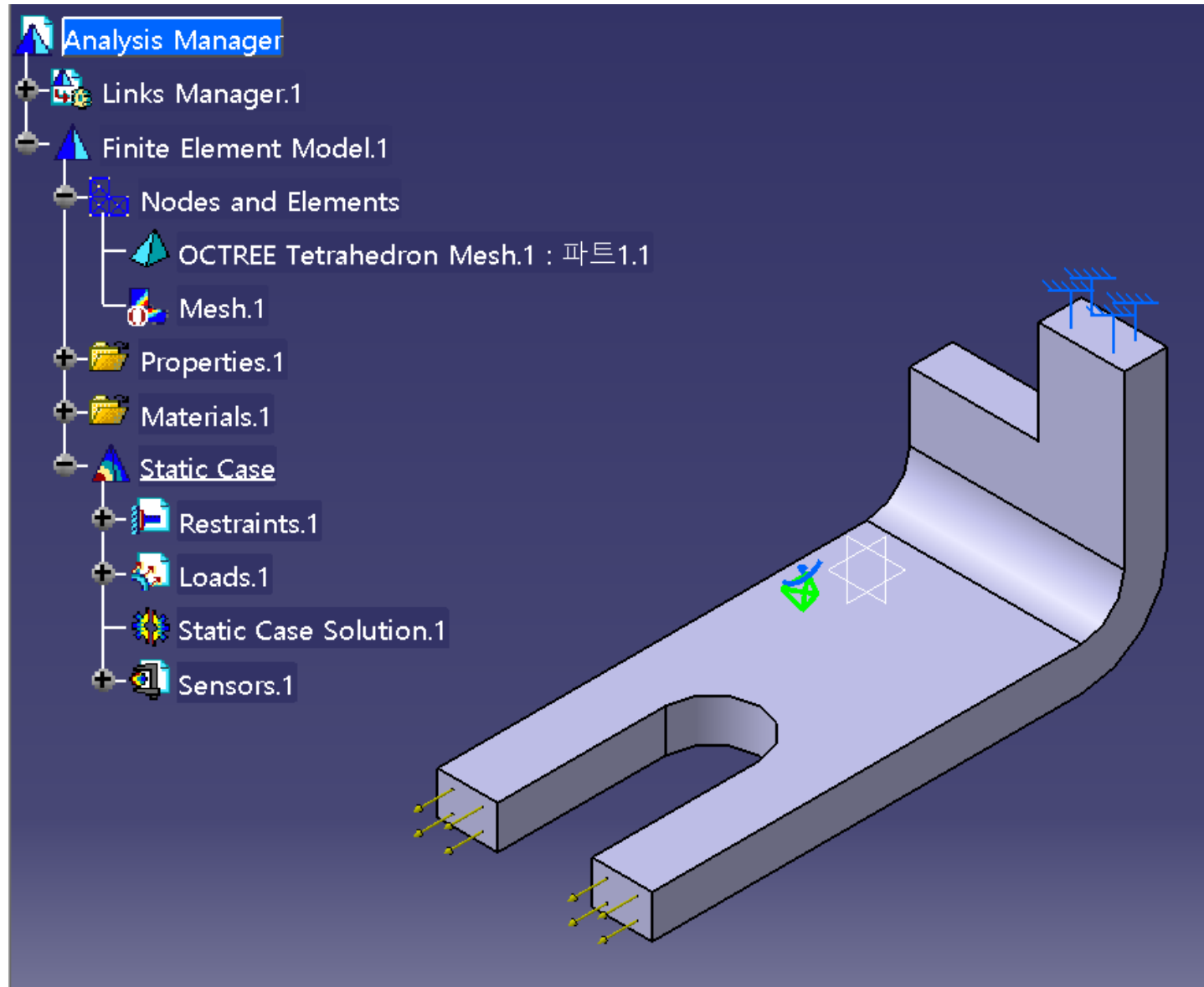


2) 경계조건 및 하중조건 부여

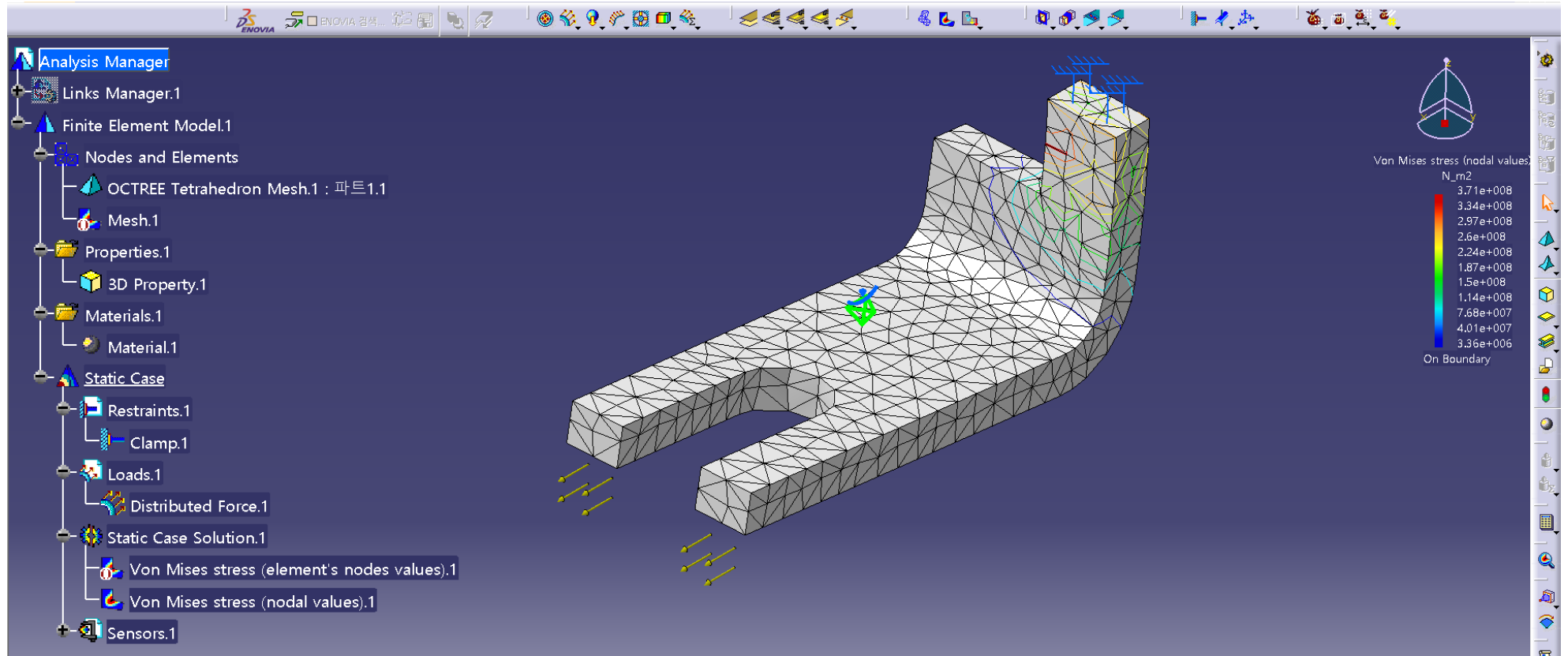


CATIA 학습 5





3) 구조해석 결과: von Mises stress



1. CATIA 학습

- 커터(cutter)에 대한 평면 도면을 이용하여 **3D 도면을 작성**할 수 있다.
- 3D 형상 모델을 이용하여 **2D 도면을 작성**할 수 있다.
- 3D 도면과 Analysis manager를 이용하여 **유한요소해석**을 수행할 수 있다.