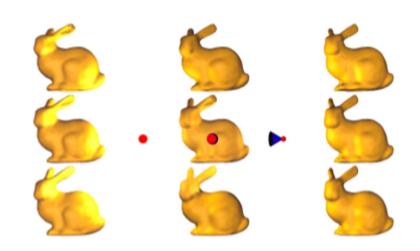
# **Computer Graphics**



## Linear Algebra

P04\_LINEAR\_ALGEBRA

이민재 | Computer Graphics [심화전공실습 1] | 2020/09/27

	P01	P02	P03	E01	E02	TOTAL
SCORE	1	1	1	1	1	5

#### Po1 (Vectors and vector operations (part 1 and 2))

#### <SNAPSHOT>

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#### Po2 (Matrices and matrix operations (part 3 and 4))

#### <SNAPSHOT>

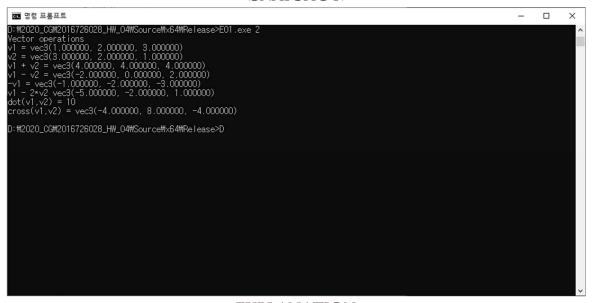
#### Po<sub>3</sub> (Matrix-vector multiplication and assembling (part 5))

#### <SNAPSHOT>

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D:\(\pi\)2020_CG\(\pi\)2016726028_H\(\pi\)_04\(\pi\)Exe>P01.exe 5
Matrix-vector multiplication and assembling
a = vec3(1,000000_2,000000_3,000000), (2.000000, 1.000000, 0.000000, 0.000000, 1.000000))
\(\beta\) = \(\pi\)= \(\pi\)3((1,000000_2,000000_3,000000), (2.000000_3,000000), (3.000000_3,000000), (3.000000_3,000000), (3.00000_3,000000), (3.00000_3,000000), (3.00000_3,000000), (3.00000_3,000000), (3.00000_3,000000), (3.00000_3,000000), (3.00000_3,000000), (3.00000_3,000000_3,000000), (3.00000_3,000000_3,000000), (3.00000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,00000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,000000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_3,00000_
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### E1 (Vector operations)

#### <SNAPSHOT>



<EXPLANATION>

기존 코드와 크게 차이점은 없어서 변수명과 출력명을 바꾸어서 진행하였다. v1- 2\*v2 의 경우에만 상수(2.0f)에 주의하였다.

#### Eo<sub>2</sub> (Matrix operations)

#### <SNAPSHOT>

#### <EXPLANATION>

Glm 의 경우 column-major representation 방식으로 행렬을 표현하기 때문에 이에 유의하여 A1, A2 를 삽입하였고, 주어진 보기대로 계산하여 출력하였다.