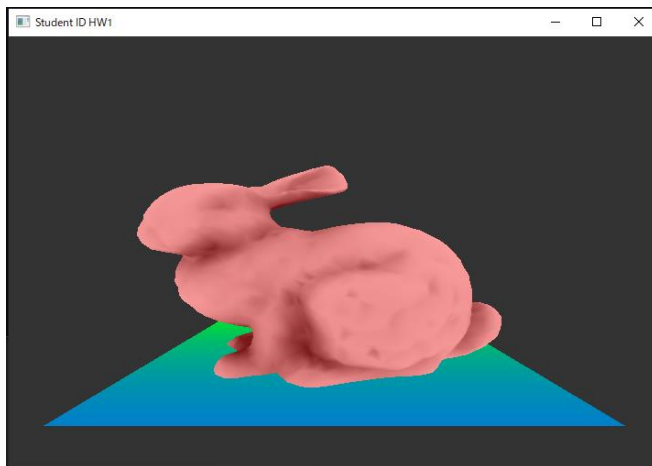# Assignment1 – Transformation

108062509 林奕奇
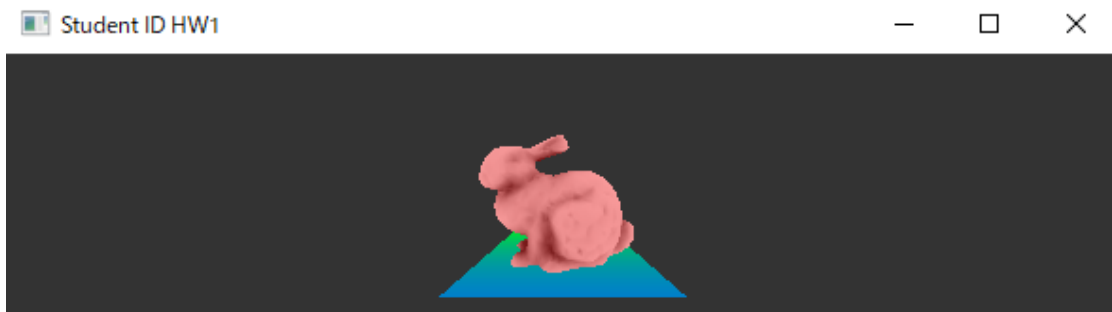
1. **Some Screenshots:**
   I. **Aspect Ratio:**
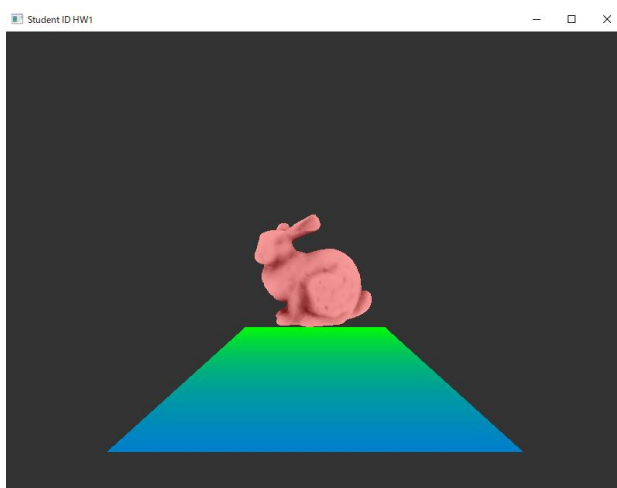
調整前:

調整 **aspect ratio** 後，再按下 **P** 設定 **Perspective:**

II. **Translate Mode Demo (Scroll Back)**

Information of Matrices (按下 i):

2. **Description of my program control instructions:**

Load 進 5 個 model 後，主要就跟要求的 key mapping 一樣:

Z/X: switch model
O: Orthogonal projection
P: NDC Perspective projection
T: translation mode
S: scale mode
R: rotation mode

Esc: exit program
E: eye position mode
C: viewing center position mode
U: camera up vector position mode
I: print information
這三個功能在使用時會印出相關數值，
Ex: 使用 eye position 時會印出 camera position