

# COMP0027 CW1

Orhun Dogan

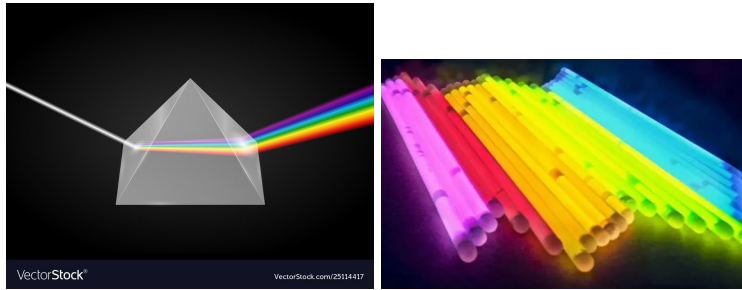
October 2022

## 1 First question



- Wooden Table:
  - kD: (150, 111, 51)
  - kS: (0.59, 0.44, 0.2)
  - n: 5
- Ceramic Vase:
  - kD: (252, 255, 249)
  - kS: (0.98, 1, 0.97)
  - n: 3
- Aluminum Bar:
  - kD: (173, 178, 189)
  - kS: (0.68, 0.7, 0.74)
  - n: 6

## 2 Second question



- The pyramid above splits the incoming light into seven colors with different wavelengths. Each wavelength refracts a different amount than the other.
- The second image contains phosphorus colors. Since there is no point of light, our code would not be able to render the image.