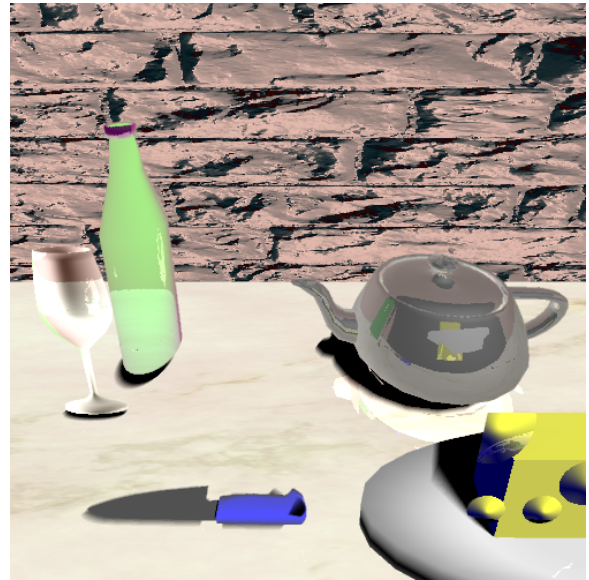


# Ray Tracing A Messy Kitchen Counter

Name: Joanne  
User ID: Hong  
Student ID: 20470862



Artistic Merit (Polish/Artistry/Humour)

Technical Merit (Algorithms/User Interface/Graphics Techniques)

Difficulty

Code/Documentation/Demo

Mark

Objective Mark:	/10
Subjective Mark:	/10
Total	/20

# Ray Tracing A Messy Kitchen Counter

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## Objectives

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- **1:** Mirror reflections on at least one object
  - **2:** Refraction on at least one object
  - **3:** Phong shading on objects
  - **4:** Adaptive supersampling for antialiasing
  - **5:** Texture mapping on at least one object
  - **6:** Bump mapping on at least one object
  - **7:** Soft shadows
  - **8:** Constructive solid geometry used for at least one object
  - **9:** Unique scene is portrayed in the image
  - **10:** One animation of "fuzzy" or "gaseous" object by modelling with particle systems
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