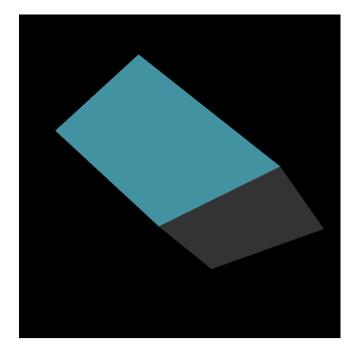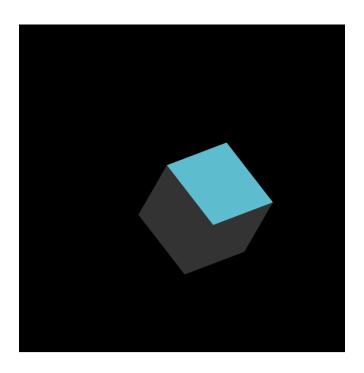**TASK 1**

The cube image after prompting the ChatGPT.

Link to chat for task 1: https://chat.openai.com/share/16a63e6b-9fe2-4947-9cce-b20322bbc372

TASK 2

The cube image after modifying getModelViewMatrix() by using the functions given to us and doing matrix transformations

The difference between the cube prompted by ChatGPT and the cube calculated by me is because of the wrong multiplication order GPT does.

TASK 3

According to my prompt GPT gave me the correct implementation of getPeriodicMovement method to do the animation we want. But GPT used it with collaboration from an external function it declared. As we want every operation to be done inside getPeriodicMovement method, I prompted GPT to get every operation done inside it. GPT corrected the code made all the necessary operations inside getPeriodicMovement method.

Link to chat for task 3: https://chat.openai.com/share/b899274e-e3c1-42f3-b49c-08b325a2f8e4