



K. J. Somaiya College of Engineering,
Mumbai-77
Somaiya Vidyavihar University

Batch: D-2

Roll No.:16010122151

Experiment No. 1

TITLE: Design and animate the following: Pendulum / Collision of object / Water waves

AIM:

Use the Blender software or any other open source software to create and animate

All Batch needs to Design Donut object

D1: Pendulum

D2: Collision of object

D3: Water waves

Expected OUTCOME of Experiment:

Learned how to use Blender to make real life Objects.

Books/ Journals/ Websites referred:

<https://youtube.com/playlist?list=PLjEaoINr3zgEPv5y--4MKpciLaoQYZB1Z&si=HZmLLxmQXm0aEkcW>



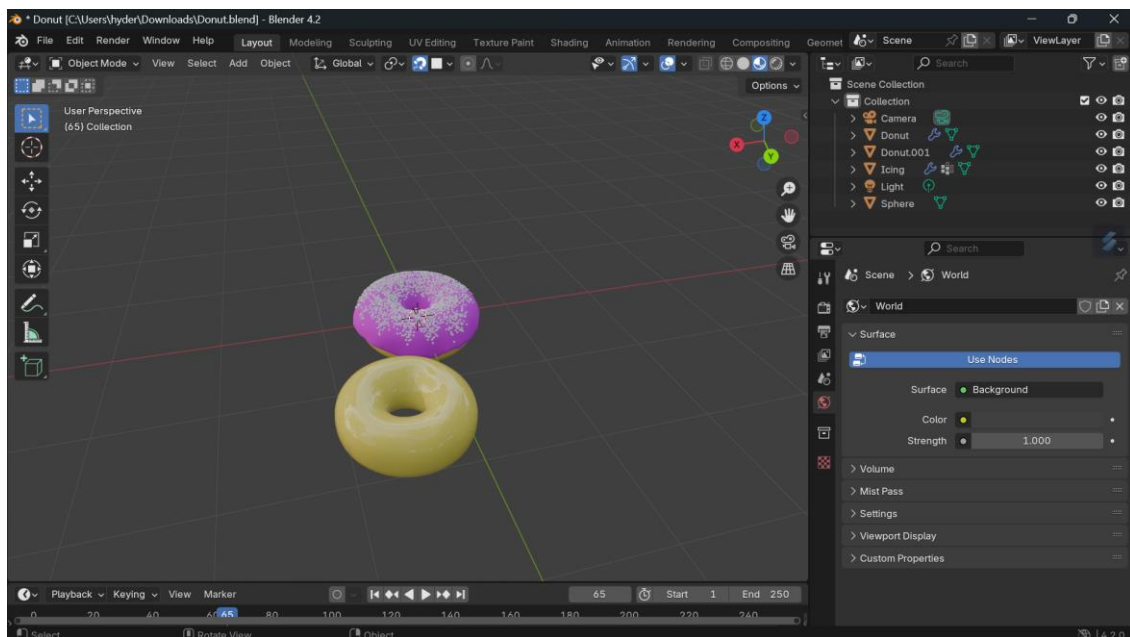
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Drive or GitHub/ google drive link:

<https://drive.google.com/drive/u/1/folders/1sfxEbd3s2UVu08kTOv-jMFEE3gakn1SK>

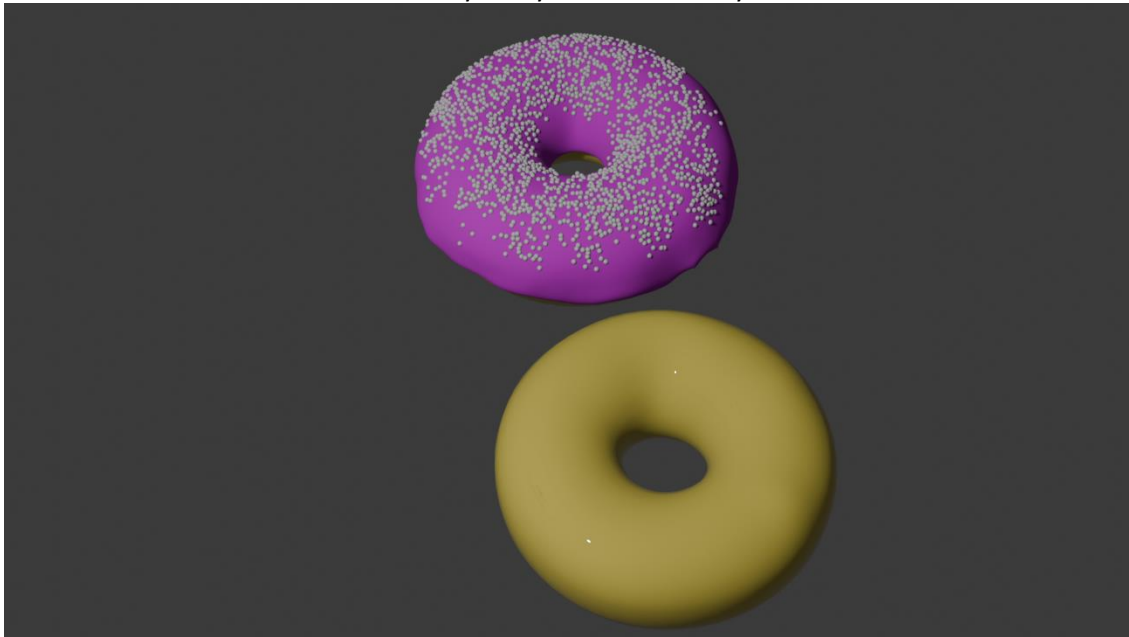
Output(s) (Screen Shots):

Donut:-



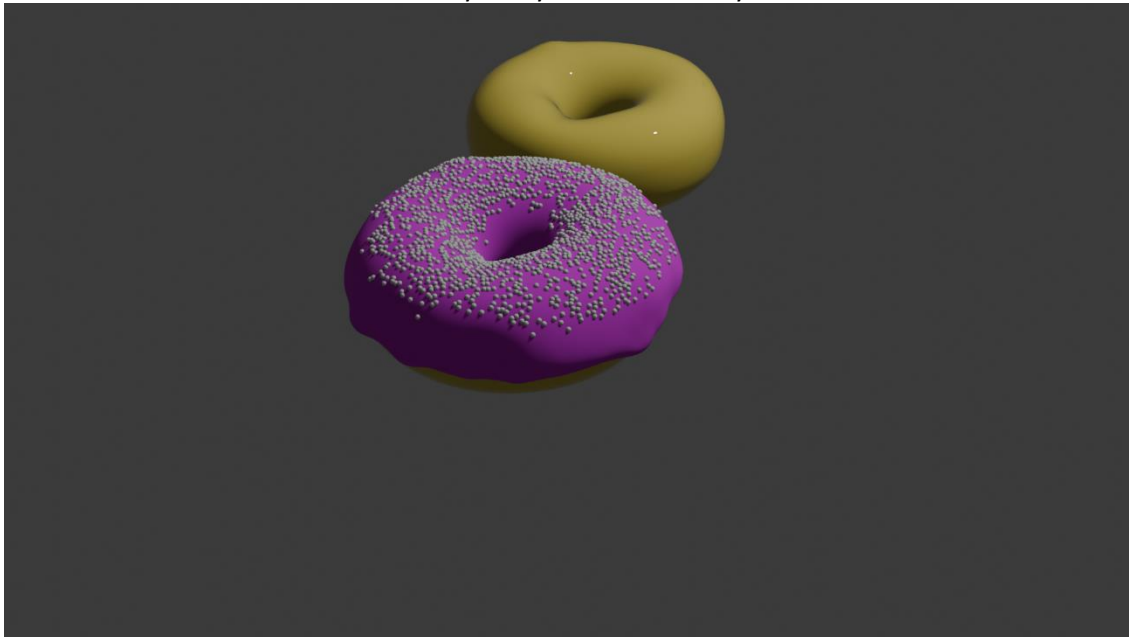


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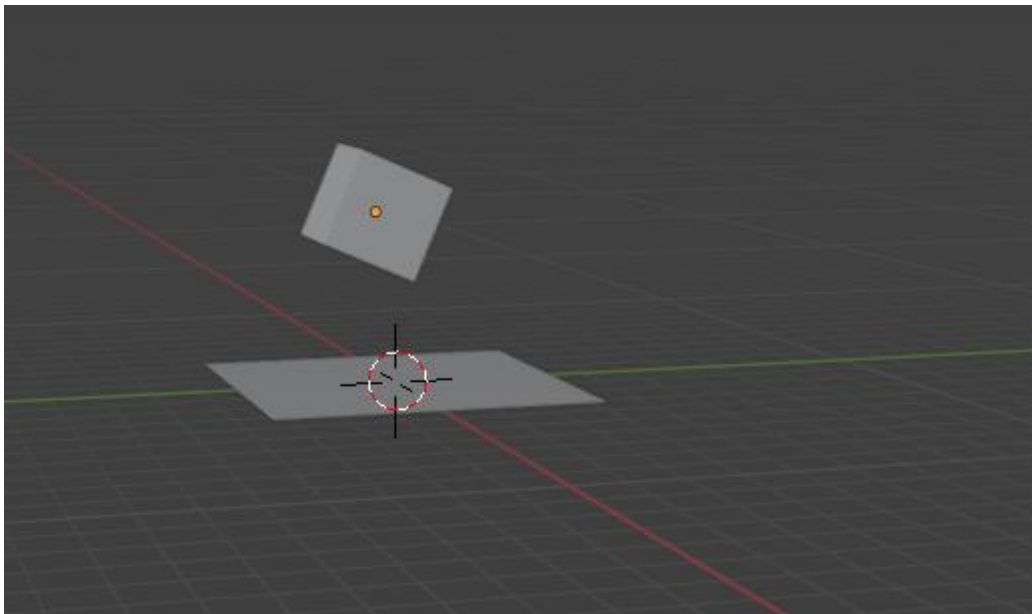




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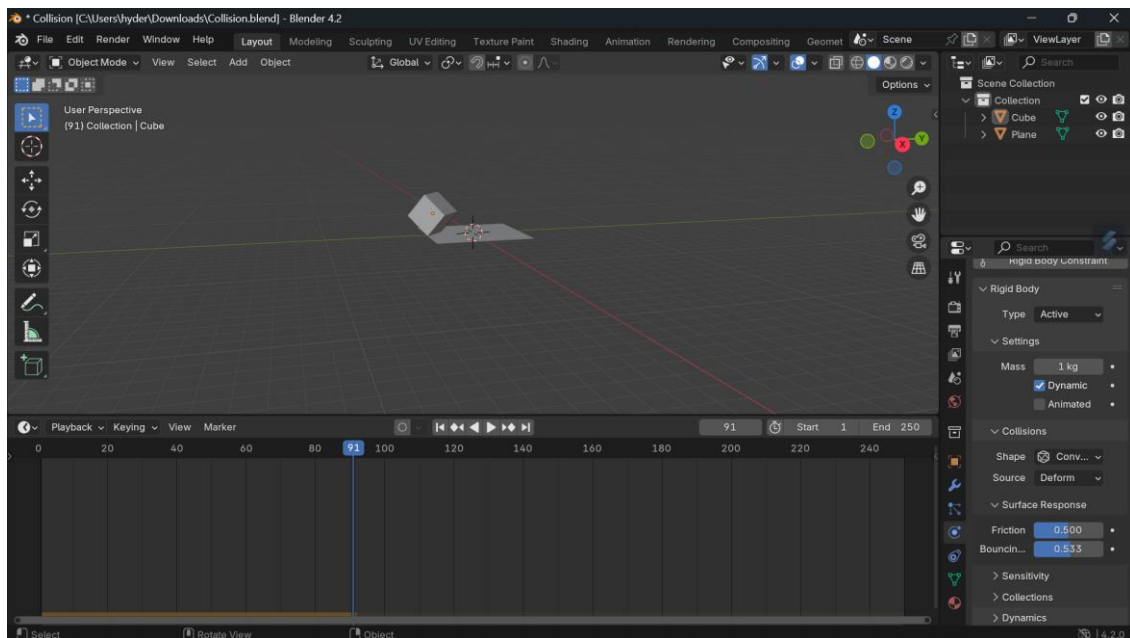
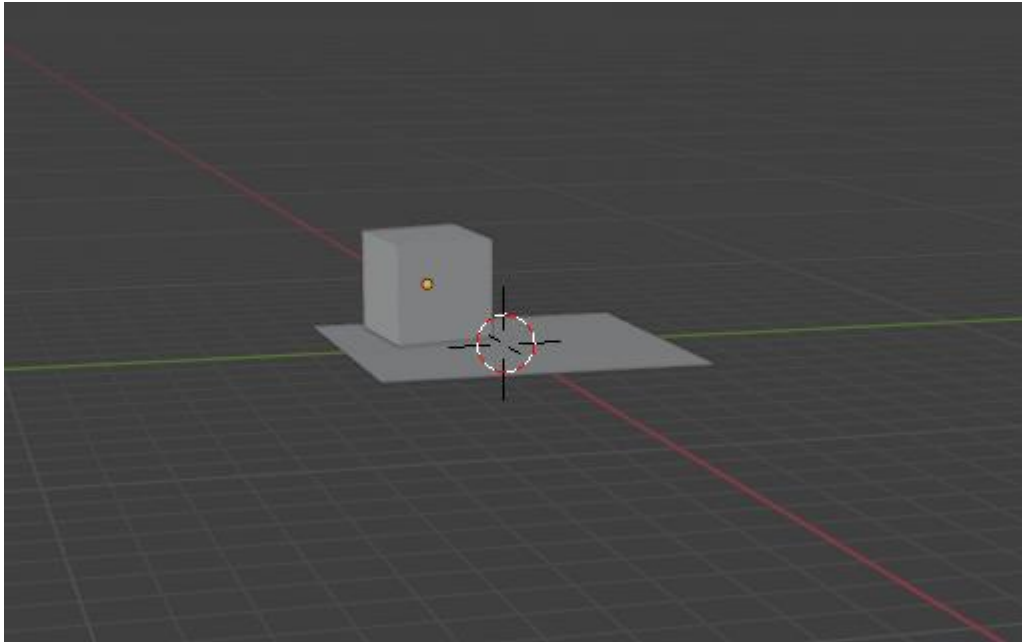


Collisions of a cube with a plane:-



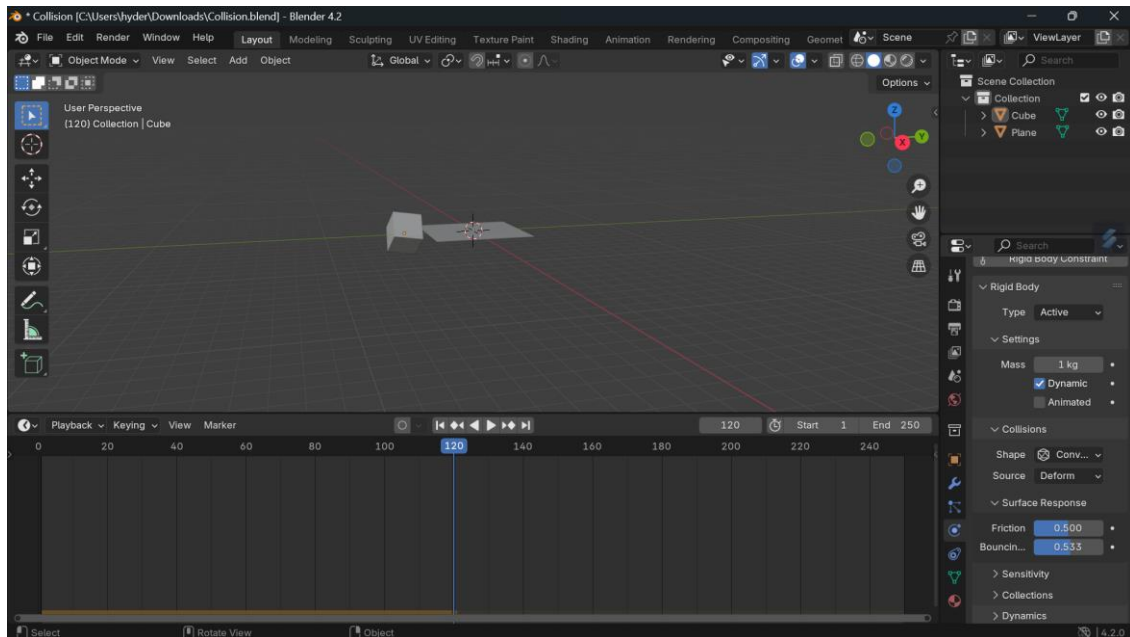


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Google drive link is provided.



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Conclusion and discussion:

Learned how to use blender, and the various modes like Object Mode, Edit Mode, Sculpt Mode, Weight Paint.