Computer Graphics Lab 07-

Blender 3d Basics - part 2

# Reference:

1. <https://www.youtube.com/playlist?list=PLa1F2ddGya_-UvuAqHAksYnB0qL9yWDO6> ,
2. <https://www.youtube.com/playlist?list=PLVGkVJAkbDGHhRx_qu5JxkBHylipSL5Qg>
3. <https://www.youtube.com/watch?v=sW_NnFgIiso>
4. <https://www.youtube.com/watch?v=98FkRIbihyQ>
5. <https://www.youtube.com/watch?v=Dyj0sJVd3Lw>

# Tools

**Blender 2.8+ :** [**https://www.blender.org/download/**](https://www.blender.org/download/)

# Labs

| **Lab ID** | 7-1 |
| --- | --- |
| **Goal** | Simple house and vase |
| **Steps** | <https://www.youtube.com/watch?v=sW_NnFgIiso> |

| **Lab ID** | 7-2 |
| --- | --- |
| **Goal** | Simple shapes |
| **Steps** | <https://www.youtube.com/watch?v=98FkRIbihyQ> |

| **Lab ID** | 7-3 |
| --- | --- |
| **Goal** | Creating simple character |
| **Steps** | <https://www.youtube.com/watch?v=4OUYOKGl7x0&list=PLVGkVJAkbDGHhRx_qu5JxkBHylipSL5Qg&index=1> |

| **Lab ID** | 7-4 |
| --- | --- |
| **Goal** | Introduction to texture |
| **Steps** | <https://www.youtube.com/watch?v=TMPjKVgTfYs&list=PLa1F2ddGya_-UvuAqHAksYnB0qL9yWDO6&index=18> |

| **Lab ID** | 7-5 |
| --- | --- |
| **Goal** | Uv mapping |
| **Steps** | <https://www.youtube.com/watch?v=Y7M-B6xnaEM&list=PLa1F2ddGya_-UvuAqHAksYnB0qL9yWDO6&index=19> |

| **Lab ID** | 7-6 |
| --- | --- |
| **Goal** | 3 point lighting |
| **Steps** | <https://www.youtube.com/watch?v=RDbrOpnIY7Q&list=PLa1F2ddGya_-UvuAqHAksYnB0qL9yWDO6&index=22> |

| **Lab ID** | 7-7 |
| --- | --- |
| **Goal** | Timeline |
| **Steps** | <https://www.youtube.com/watch?v=o19U-yPGdyY&list=PLa1F2ddGya_-UvuAqHAksYnB0qL9yWDO6&index=39> |

| **Lab ID** | 7-8 |
| --- | --- |
| **Goal** | Simple animation example |
| **Steps** | <https://www.youtube.com/watch?v=Dyj0sJVd3Lw> |