

DMET 501 – Introduction to Media Engineering

## Project

(Due on: December 14, 2019 at midnight)

To be submitted on: [dmet5012019@gmail.com](mailto:dmet5012019@gmail.com)

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### Task 1

Animate the character implemented in Assignment #3.

Please refer to the second page for  
**Task 2 and Submission Guidelines**

In case you did not do Assignment #3, you can import this model to be animated:

<https://free3d.com/3d-model/minion-49432.html>

(In Maya, import .ma object. In 3ds Max, import .obj object)

❖ The motions required:

- 1- Waving (moving one arm left and right)
- 2- Tilting the head (left and right) or nodding (forward and backward)

❖ Steps to follow:

- 1- Combine the objects into one object.
- 2- Add joints (bones)
- 3- Bind the joints to the object
- 4- Add controllers
- 5- Add key frames for animation

❖ For rigging and animation in Maya:

<https://www.youtube.com/watch?v=1wvdQy2Fdhw&t=29s>

❖ For rigging and animation in 3ds Max:

<https://www.youtube.com/watch?v=XVB9W6xhBcs>

❖ Software used:

- The same one used in Assignment #3 (Maya or 3ds Max)

❖ To be submitted:

- The project (including the scene) after rigging and animation
- A video of the animation (rendering the scene)

## Task 2

Create a webpage using HTML and CSS, showing your work in Modeling and Animation.

❖ The requirements:

In HTML:

- 1- Add a heading
- 2- Add two paragraphs that describe your work in the Modeling and Animation tasks (max. 2 or 3 lines each).
- 3- Add the video that shows the animation of the model in Task 1.

In CSS:

- 1- The heading is centered
- 2- Paragraphs Text alignment is set to the left position
- 3- The video is located in the center of the webpage with margins added to the left and right.

❖ For HTML and CSS:

<https://www.w3schools.com/html/default.asp>

<https://www.w3schools.com/css/default.asp>

❖ To be submitted:

- HTML file
- CSS file

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## Submission

- 1- You should submit 1 compressed folder containing your project.
- 2- Submit to this email ONLY [dmet5012019@gmail.com](mailto:dmet5012019@gmail.com)
- 3- If the file is too large to be attached, upload all files to a cloud storage and submit the link.
- 4- The subject of the submission email is [T-XX\_43-XXXXX] [T-XX\_43-XXXXX], for example: [T-01\_43-12345] [T-02\_43-2346]
- 5- The project can be done individually or in pairs.
- 6- **All files have to be submitted, any file created or used have to submitted, any missing files may put you at risk of losing your grade.**
- 7- Not following the mentioned guidelines, the project will be graded in **ZERO**.

Good Luck 😊