

# Assignment 5

063-0610-00L The Digital in Architecture

Spring Semester 2020

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**Due: Mo, 30.03.2020 23:59**

## Task 1 and Task 2 (Bonus)

Both Task 1 and 2 are to recreate the given function that is demonstrated in the file **063-0610-00L\_Assignment5\_List\_II.gh**

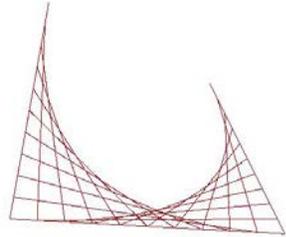
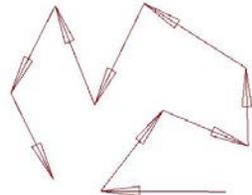
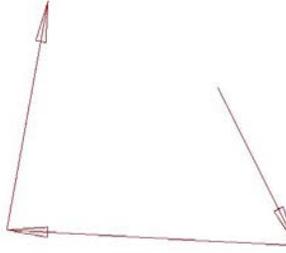
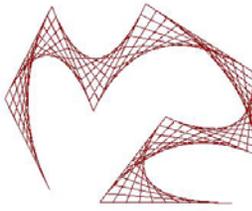
Walk-through the algorithm/logic given in class.

Two polylines that can be used for testing the two scripts are included in the .gh file. Complete both algorithm/script in the same .gh file.

Task 1 – Parabolic curve from a set of lines.

Task 2 (Bonus) – Draw arrow heads along a polyline.

The following results are for your reference. Your algorithm should be able to create these results:

	Test Polyline 1	Test Polyline 2
Task 1 Output		
Task 2 Output		

# Hand In

## Item 1

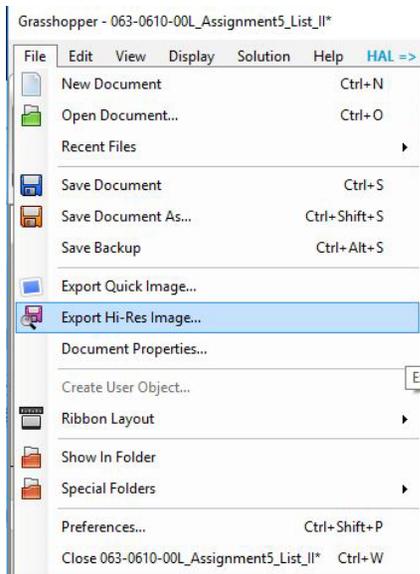
One Image of the grasshopper Canvas. Crop the area that contains your script.

Name it like this: **Assignment5\_Mustermann\_Chris.jpg**

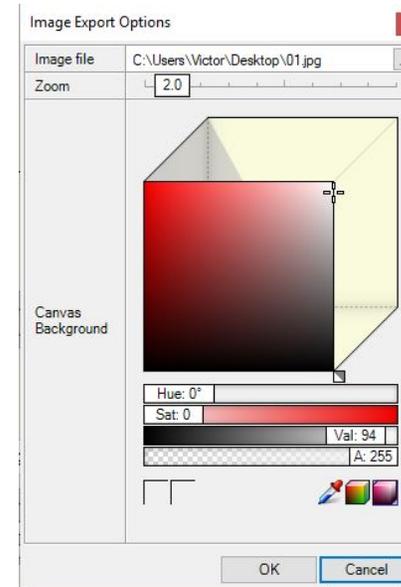
JPG Output Step 1:



JPG Output Step 2:

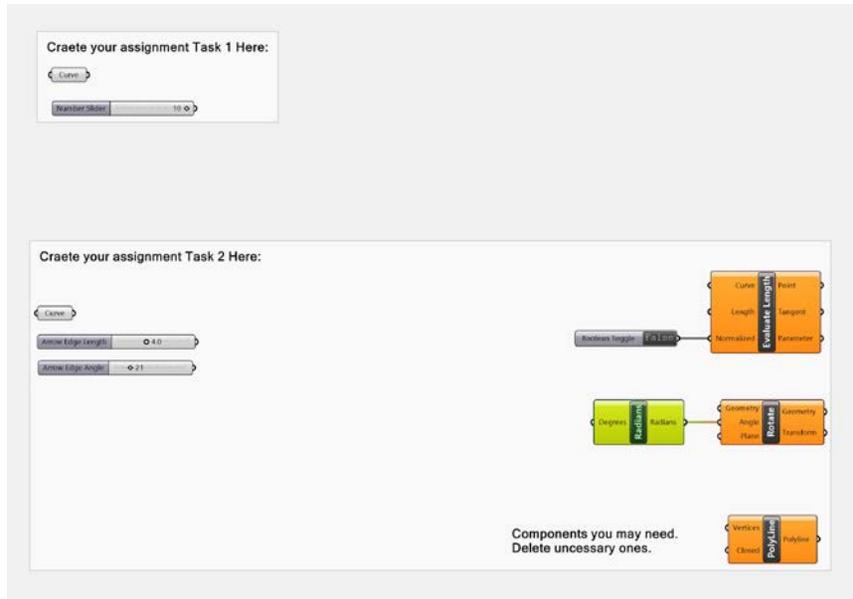


JPG Output Step 3:



JPG Output Step 4 (Example below) :

- Crop the image to the area that contains your script:
- Notice the code for each task is grouped and labelled.



## Item 2

The completed grasshopper file.

Name it like this: **Assignment5\_Mustermann\_Chris.gh**

### **IMPORTANT!**

Submit only the jpg and gh file.

Do not submit the Rhino (\*.3dm) file.

Do not submit multiple copies.

Do not submit .zip files.

Strictly stick to the file-naming convention!