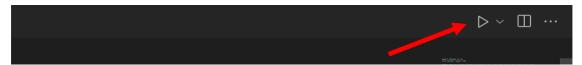
Instructions for use:

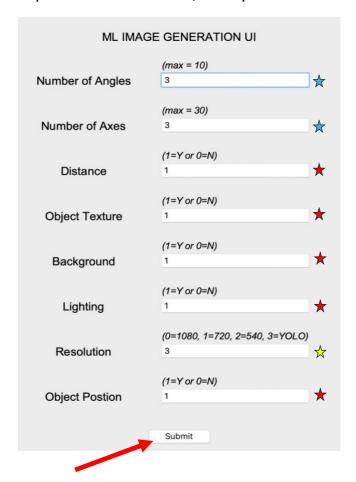
These instructions assume that the relevant software has been downloaded for the tool. Also that the Images, HDRI backgrounds & the STL model are saved in the main file, and that this file location has been added to the code.

1) Ensure you are in the VSCode tab "GUI.py"

2) Click the play button in the top right of the window.

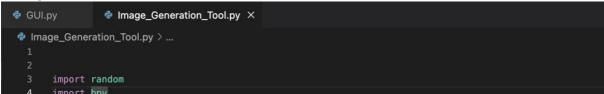


3) From the pop-up **user interface** window, ensure the following potions are entered, then press submit.

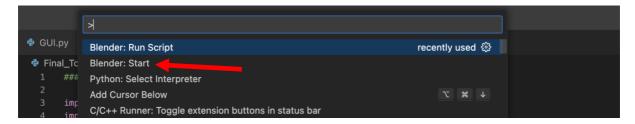


- ★ Multiply together to give you the number of images in the case shown 9 images will generate.
- ★ DR feature selection0 = not included1 = included
- ★ Resolution can be altered. This and the object backgrounds can be altered to include blur in the images.

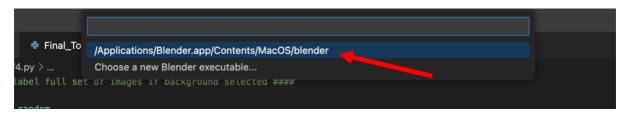
4) On the VSCode, click on the "Image_Generation_Tool.py" window



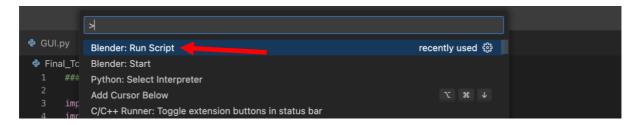
- 5) Press: Command + Shift + P (Control + Shift + P for Windows)
- 6) Press "Blender: Start".



7) Press "/Applications/Blender.app?Contents/MacOS/blender":



- **8)** Return to VSCode window. Again, ensure that you are on the "Image_Generation_Tool.py" window.
- 9) Press: Command + Shift + P (Control + Shift + P for Windows)
- **10)** Press "Blender: Run Script"



This should generate an image set of 9 images using your custom backgrounds, lighting HDRIs and part. This image set will be saved in the "Images" folder in the main file.