Instructions:

1. Open a Google Colab environment.
2. Copy the file "Workshop.ipynb" to the environment.
3. Open a folder with the name "OUTPUTS". *
4. Pick an ImageNet class and find its number.
   All class numbers can be found here:
   https://deeplearning.cms.waikato.ac.nz/user-guide/class-maps/IMAGENET/
5. In the folder "OUTPUTS" open a folder with the name of the ImageNet class you are intending to generate an image of, for example "tench". *

   Your environment should be organized in the following structure:

   Environment

   -------- Workshop.ipynb

   -------- OUTPUTS

   -------- <class_name>

6. Open the file "Workshop.ipynb".
7. Make sure you have an available GPU:
   click Runtime -> Change runtime type -> T4 GPU/ TPU -> save
8. Change the variable class_number accordingly in the first code cell.
9. Change the variable class_name accordingly in the first code cell, so that it will match the name of the folder you opened.
10. Run all cells in the file Workshop.ipynb in their order.
11. After the code finishes to run, the generated images will be saved at the folder OUTPUTS/<class_name>.
    their names represent the iteration they were generated at.

You can generate as many classes as you wish using these instruction.

* Unfortunately, the mechanism of creating new folders using python code does not work well when running the code using Google Colab, and we needed to use Google Colab in order to use a GPU.