

README

Untar the file ROLLNO.tar (110050047.tar or 110050049.tar), and go to the folder “cs293Project”

a> For compression via Neural Networks

Go to folder NeuralNetworks

on the terminal,

1. type: “rm *.o” (note the addition “.”)
2. type “make”
3. for compression, type, “./neural c <imageName>”

The compressed file is stored as <imageName.bin>

4. for decompression, type “./neural d <compressedImageName>”

The decompressed image is saved as <imageName_new.bmp>

5. for both, type “./neural a <imageName>”

b> For JPEG compression

Go to folder JPEG

on the terminal,

1. type “rm *.o”
2. type “make”
3. type “./JPEG”, and follow the instructions that appear.

c> For PSNR between two images

on the terminal

1. type “rm *.o”
2. type “make”
3. type “./noise”
4. type the name of the original image
5. type the name of the retrieved image
6. the results will show
7. to exit, type n
8. to make another comparison
9. type the name of the next original image
10. type the name of the next compressed image
11. continue this process

PS: Please see the submitted documentation for more details