

## The Office

Generate High resolution images from Low Resolution image  
using Generative Adversarial Network

Name	Enrollment no
Dhruv Kabariya	AU1940188
Shivam Thakker	AU1940193
Pranav Gandhi	AU1940313

- This week we start learning GAN from coursera and pytorch framework.  
Coursera : [GAN specialization](#)  
Pytorch tutorial : [Official Doc.](#), [FreeCodCamp](#)

We will start implementation of paper : SwinIR model from next week.

Paper : [SwinIR](#)

Github : [GitHub - JingyunLiang/SwinIR: SwinIR: Image Restoration Using Swin Transformer \(official repository\)](#)

Dataset : [DIV2K](#)

Summary: We looked deeper to model in paper and found that authors has used Pytorch to build model, They have used Transformer for texture encoding and retrieve back with help of that.