IMAGE INPAINTING

Image Inpainting is the process of reconstructing missing parts of an image so that observers are unable to tell that these regions have undergone restoration. This technique is often used to remove unwanted objects from an image or to restore damaged portions of old photos.

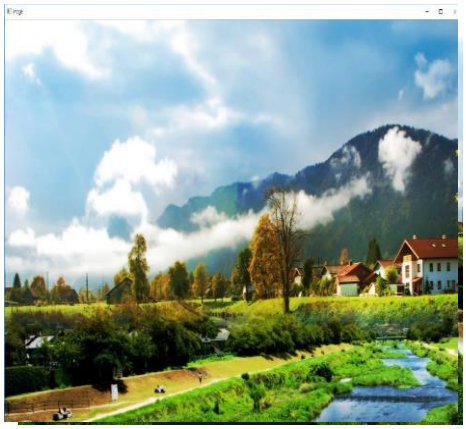
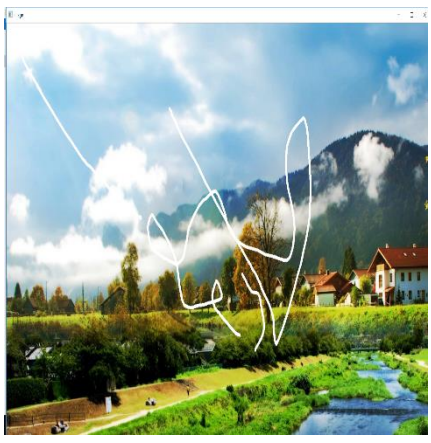
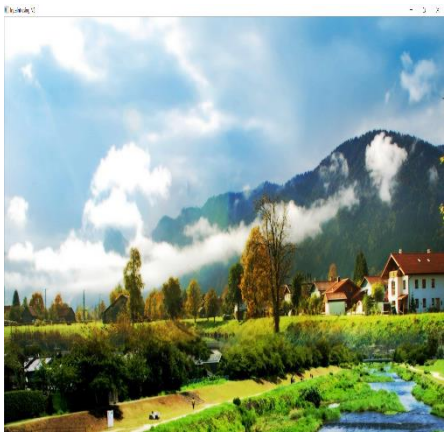
OpenCV is a cross-platform library using which we can develop real-time computer vision applications. It mainly focuses on image processing, video capture and analysis including features like face detection and object detection. In OpenCV for Image Inpainting their are two techniques viz. FMM (Fast Marching Method) and NS (Navier-Stokes). In this project I have used both of the above techniques. FMM can be invoked by using cv2.INPAINT_TELEA, while Navier-Stokes can be invoked using cv2.INPAINT_NS.

ENVIRONMENT:

- **Tools:** Spider IDE.
- **Code Behind:** Python.
- **Type of File :** .py .

DEMONSTRATION :

ORIGINAL IMAGE **DISTORTED IMAGE** **Image after applying NS TECHNIQUE**

Github link - https://github.com/Rushikesh10/Image-Inpainting.git