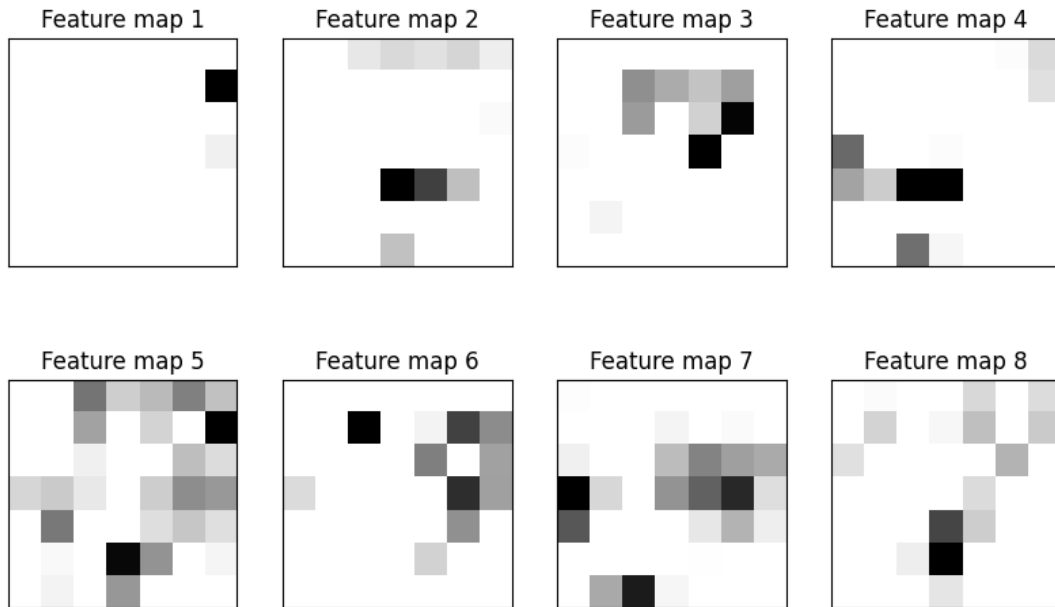


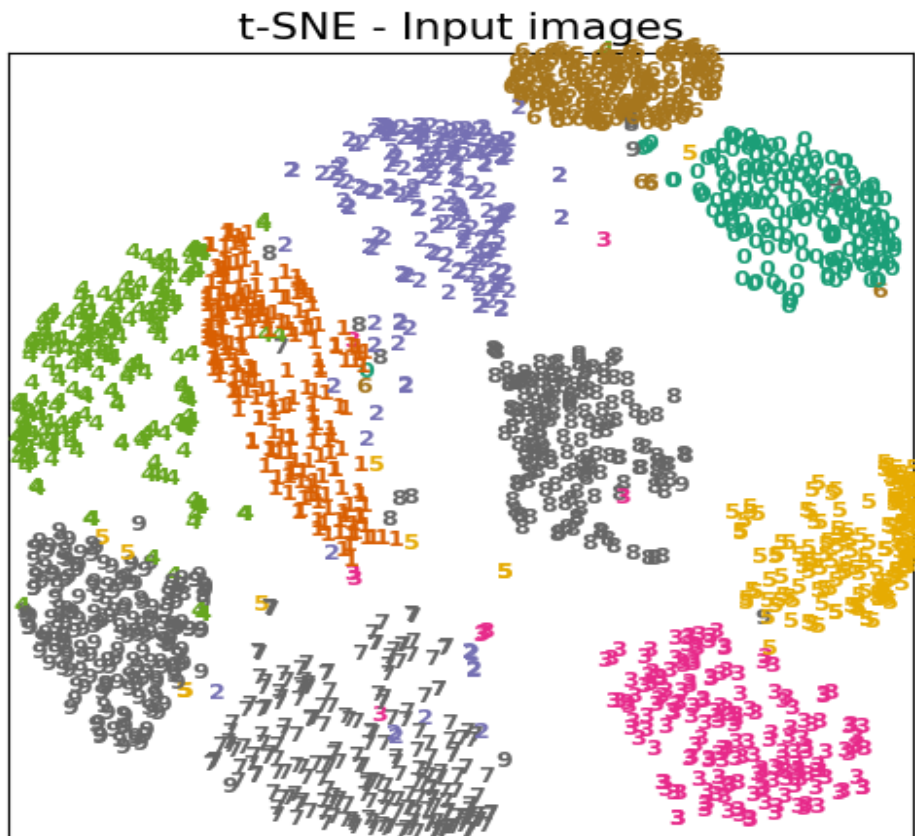
Name : Mahamadi Nikiema  
Student Number: 321155820

### Question 1



The layer2 extract more specific patterns in the images.

### Question 2

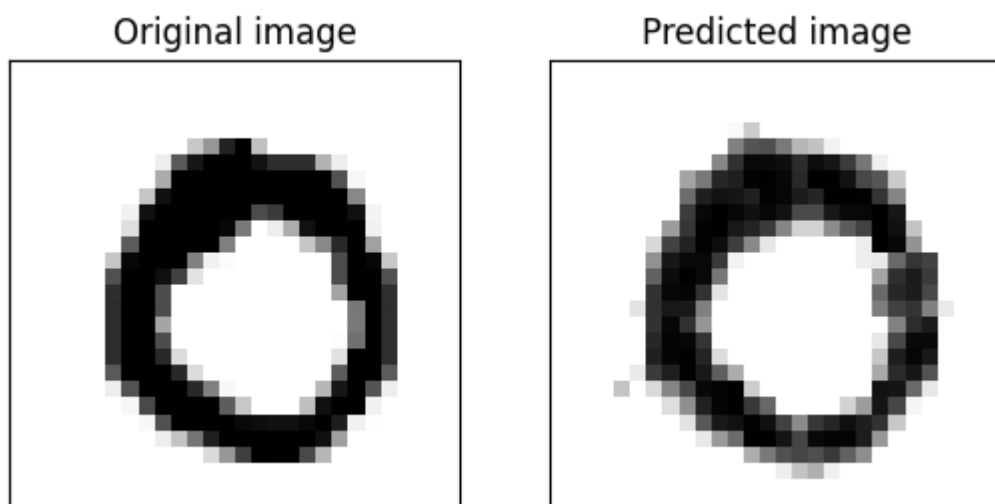


We have a clear separation of different classes in the space. For example, the model is able to recognize most of the images in class 0.

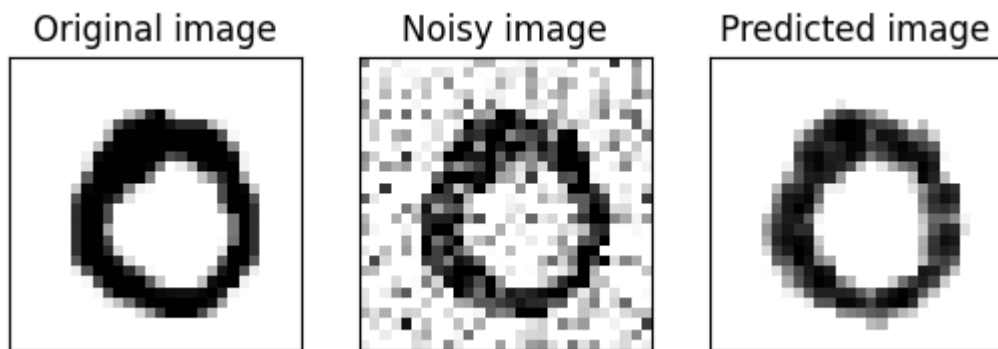
### Question 3

Total number of parameters: **1077**

### Question 4



### Question 5



The model is able to denoise an image and the output is similar to the original image.