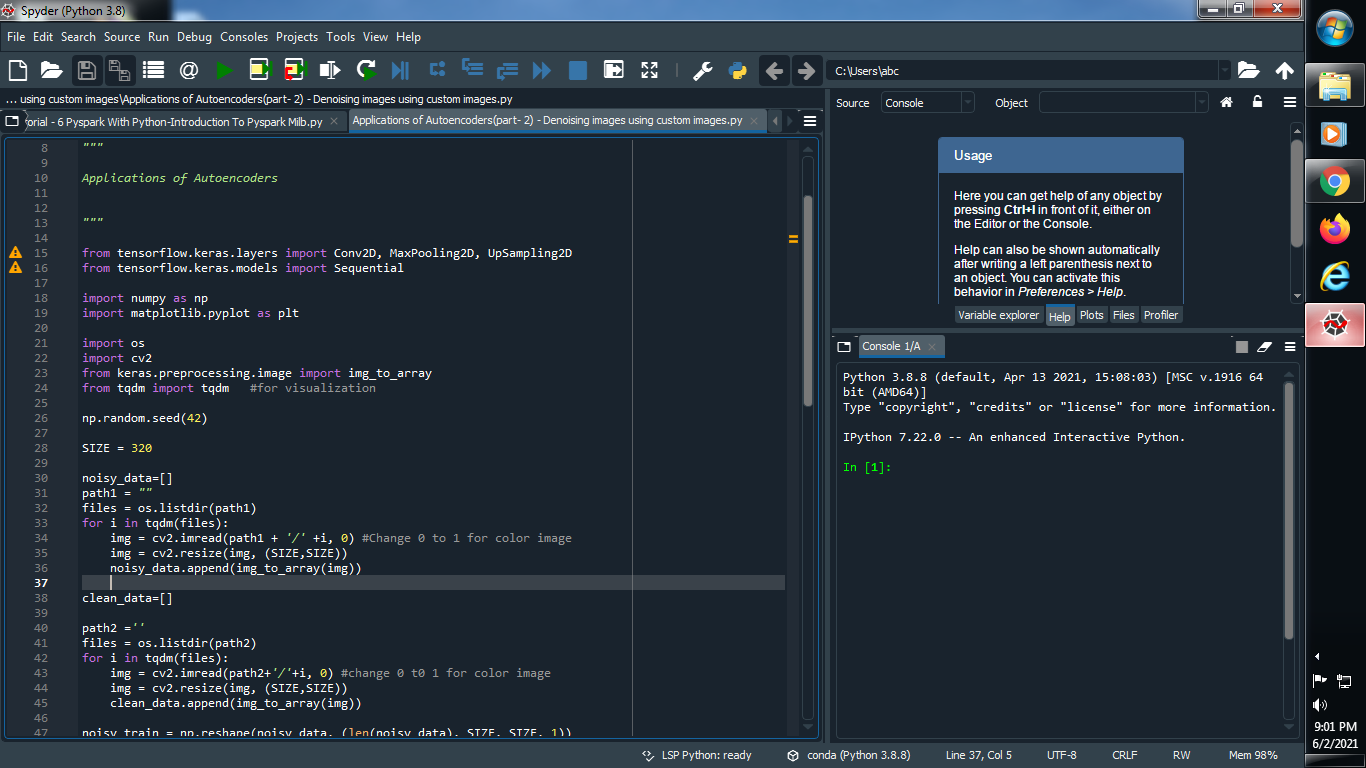
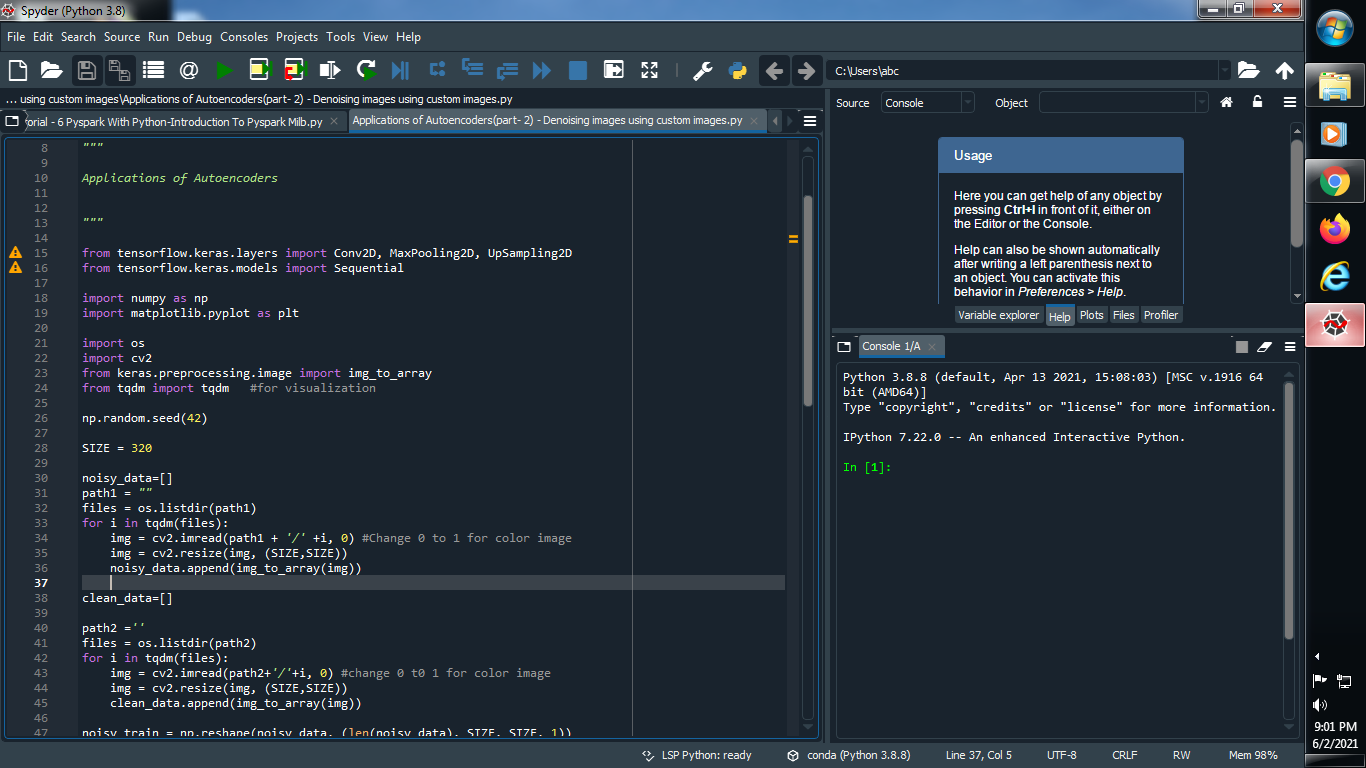
**→ Applications of Autoencoders 🡪Denoising images using custom images :**

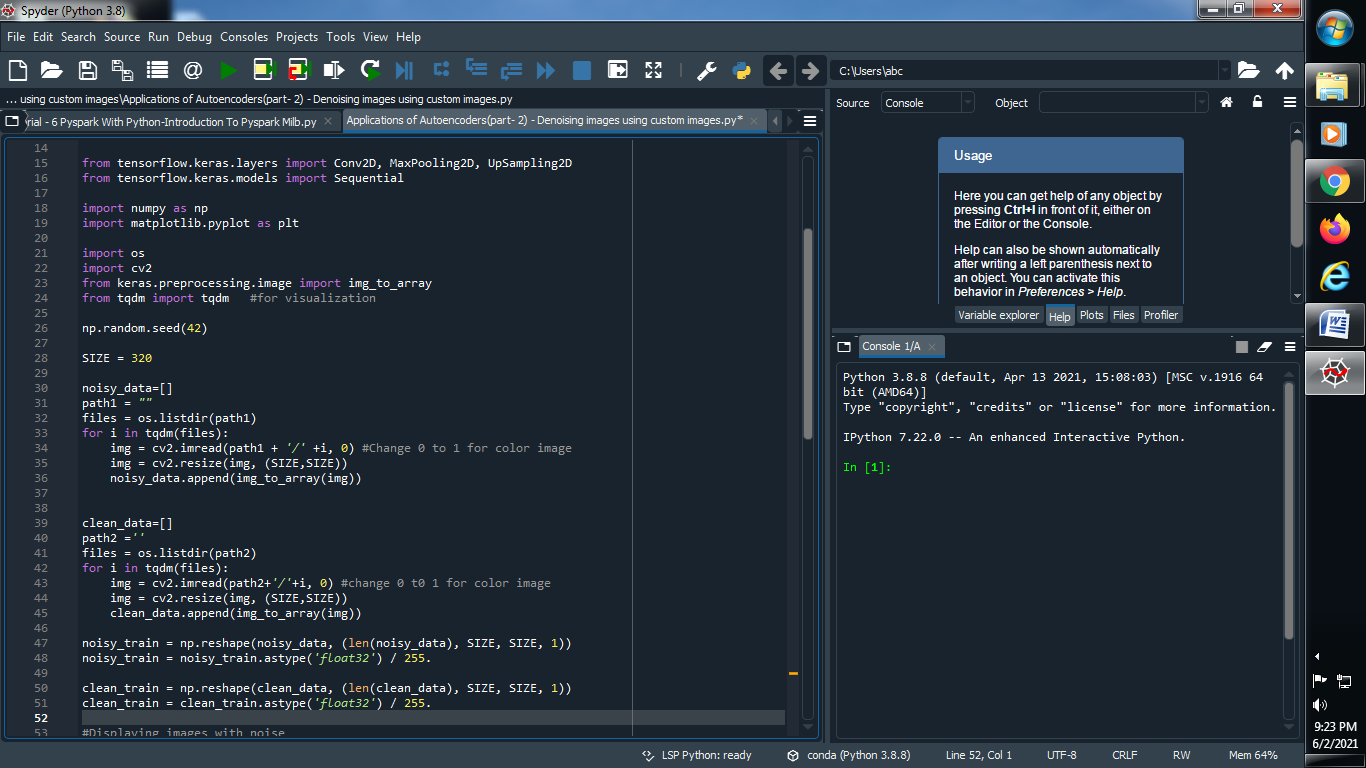
**(1) Import some required library :**

****

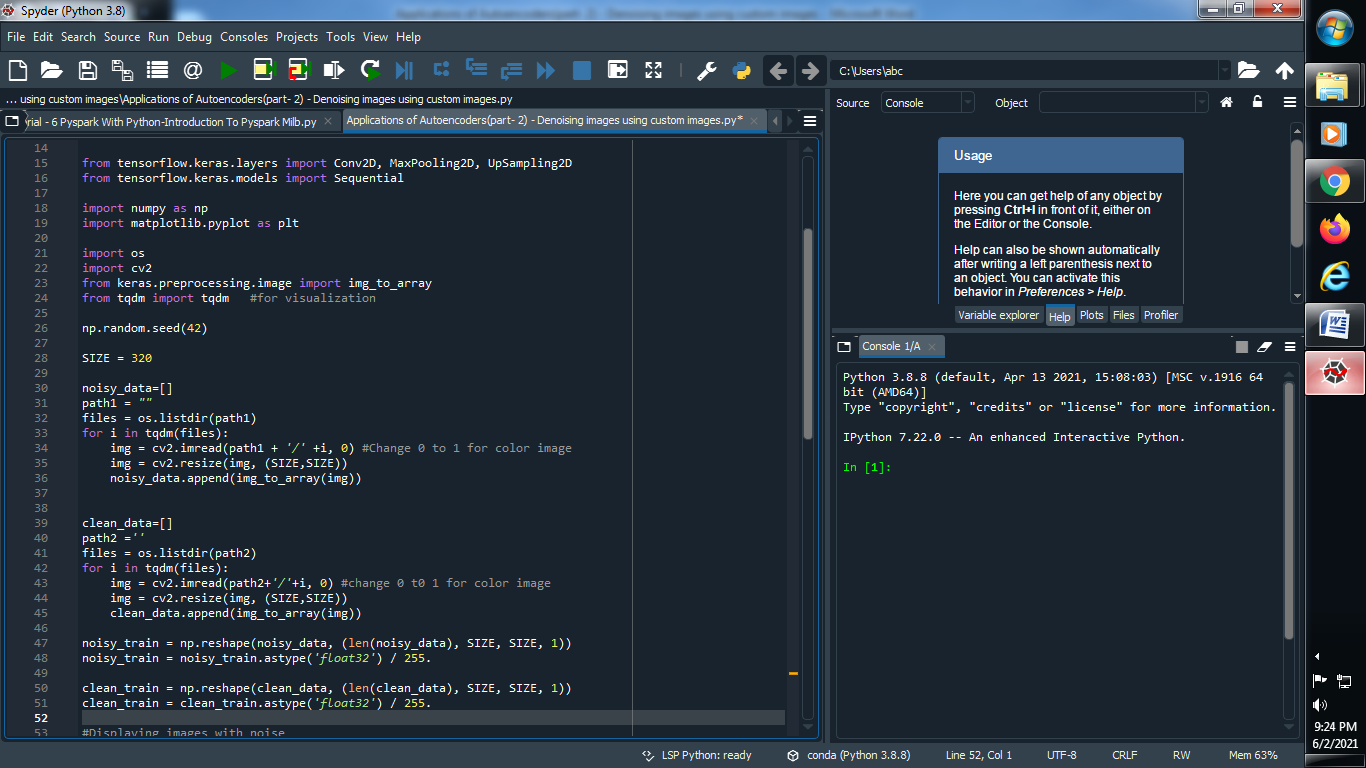
**(2) Define random seed and SIZE :**

****

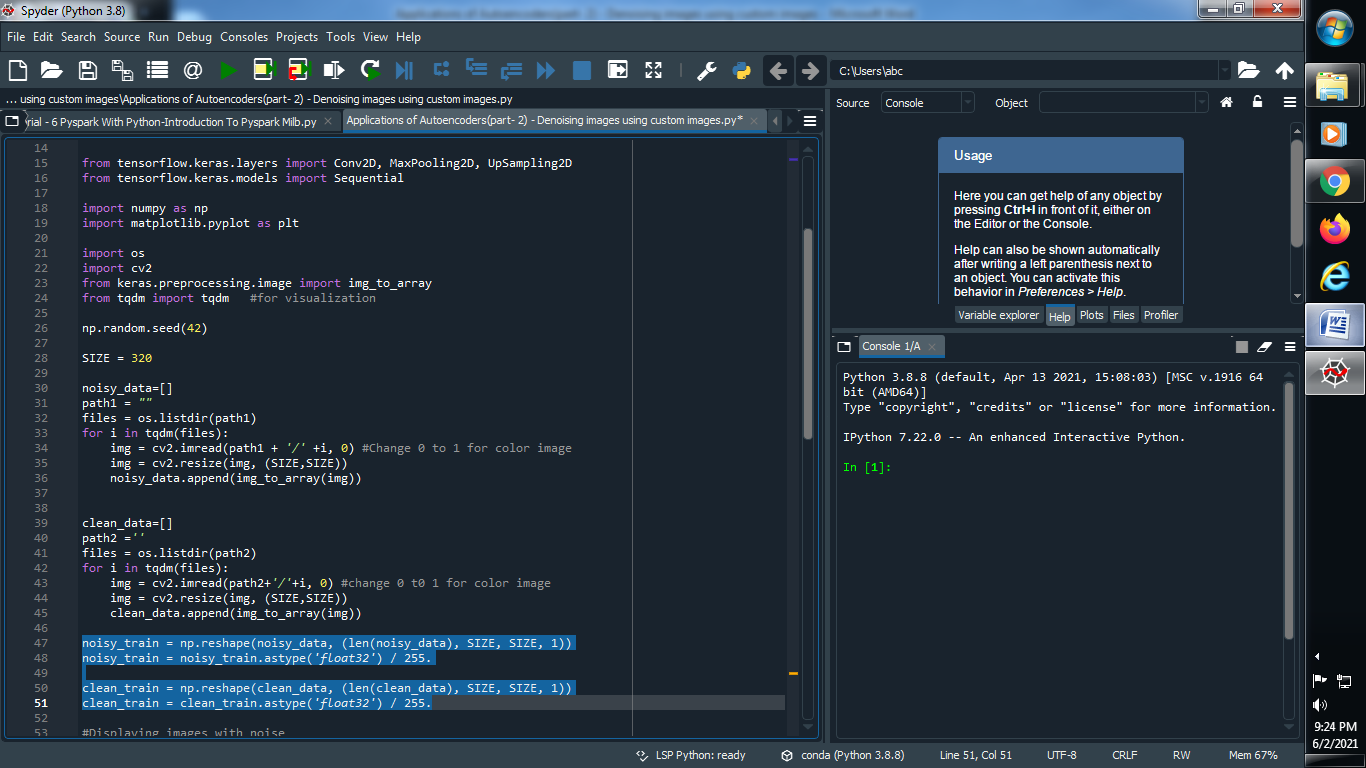
**(3) Give the path of noise images :**

****

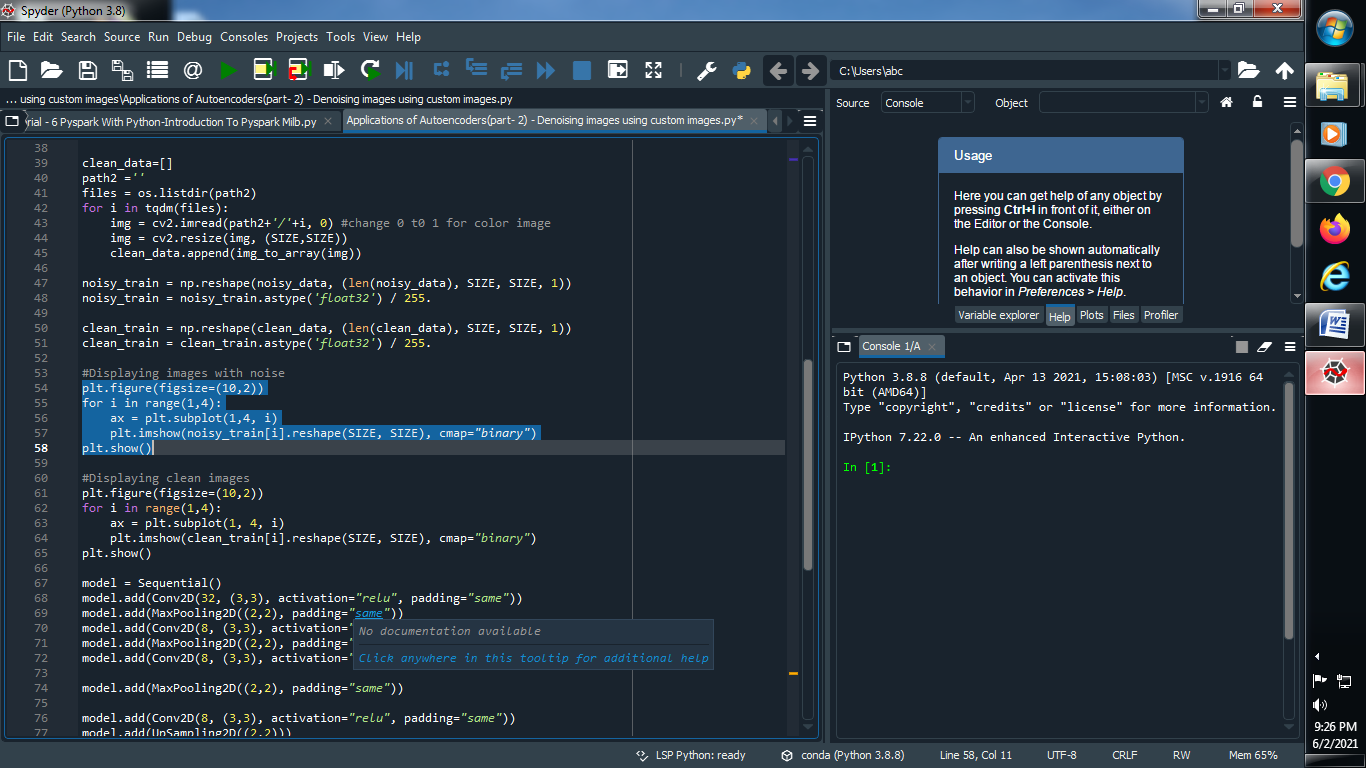
**(4) Give the path of clean images :**

****

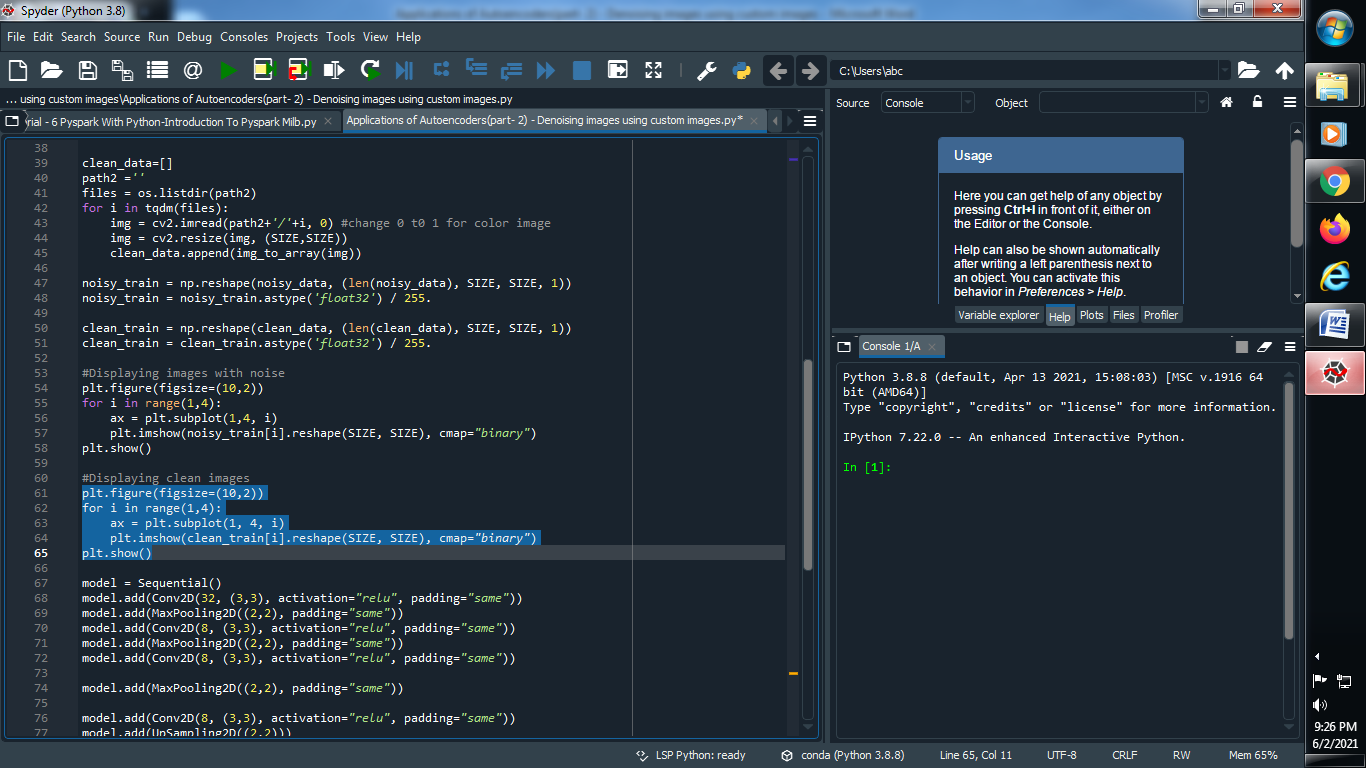
**(5) Reshape our images and convert integer values into floating point values and normalize it :**

****

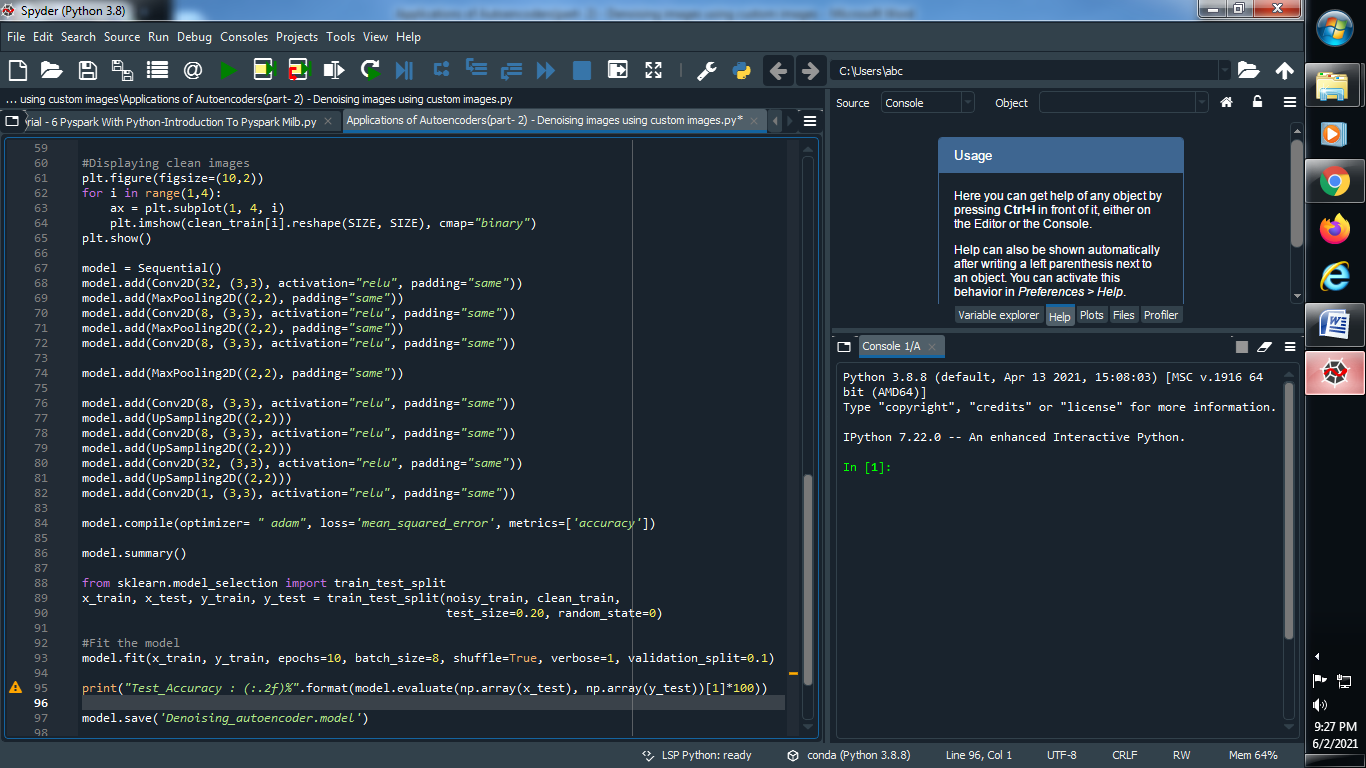
**(6) Displaying images with noise :**

****

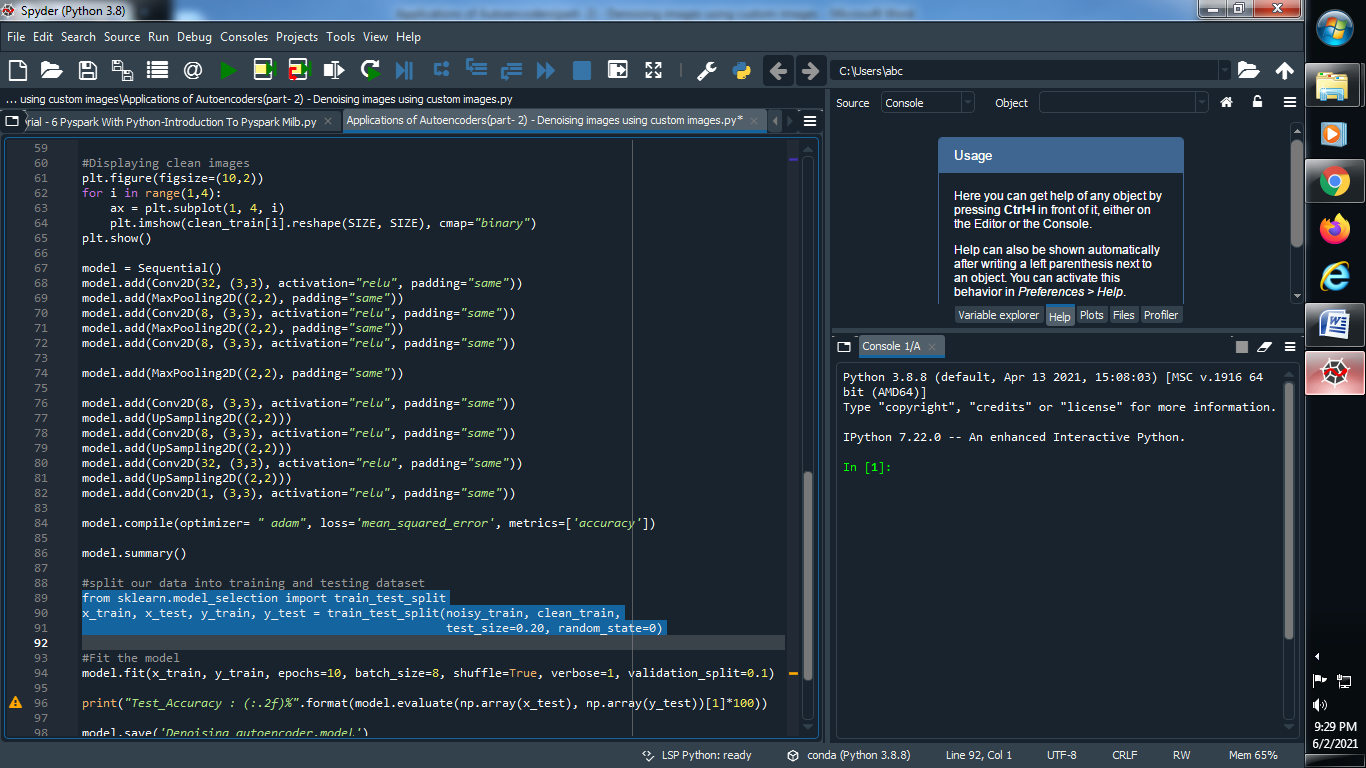
**(7) Displaying clean images :**

****

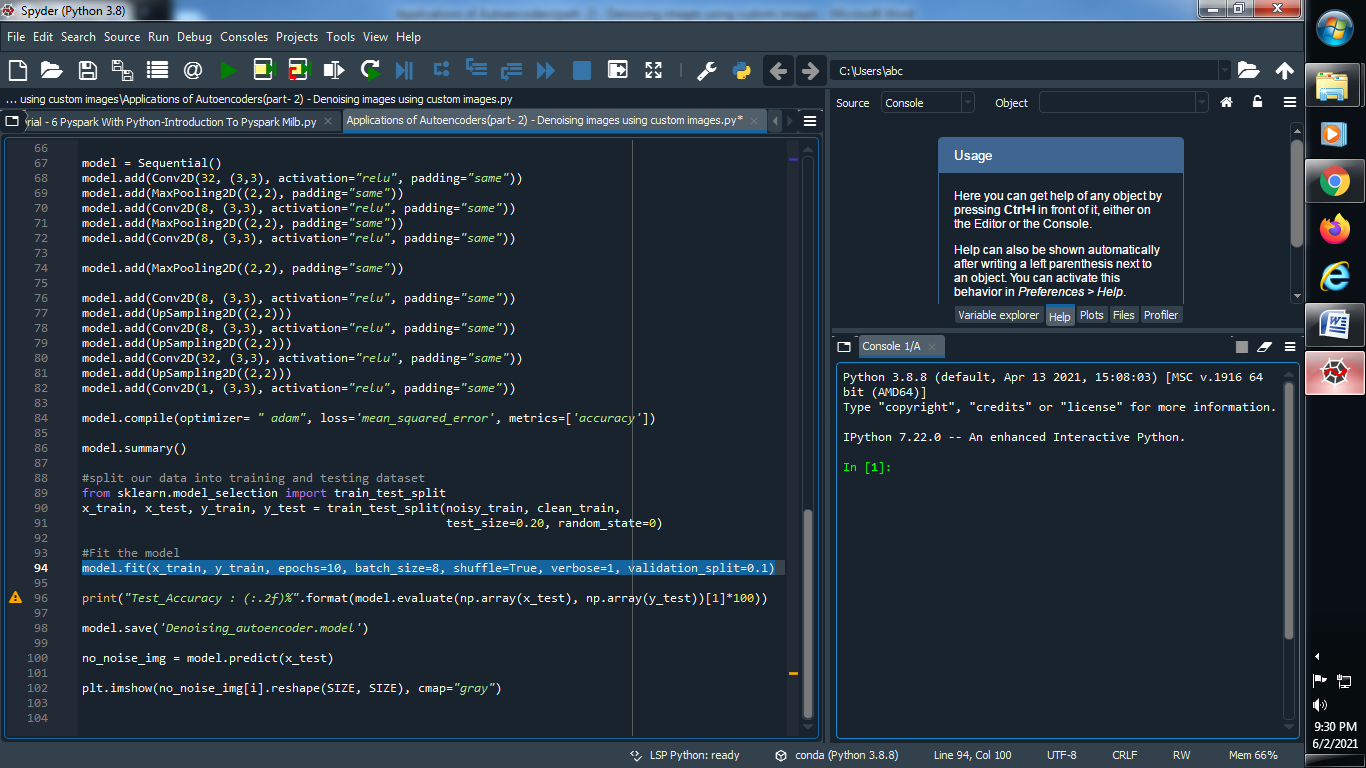
**(8) Create and define CNN model :**

****

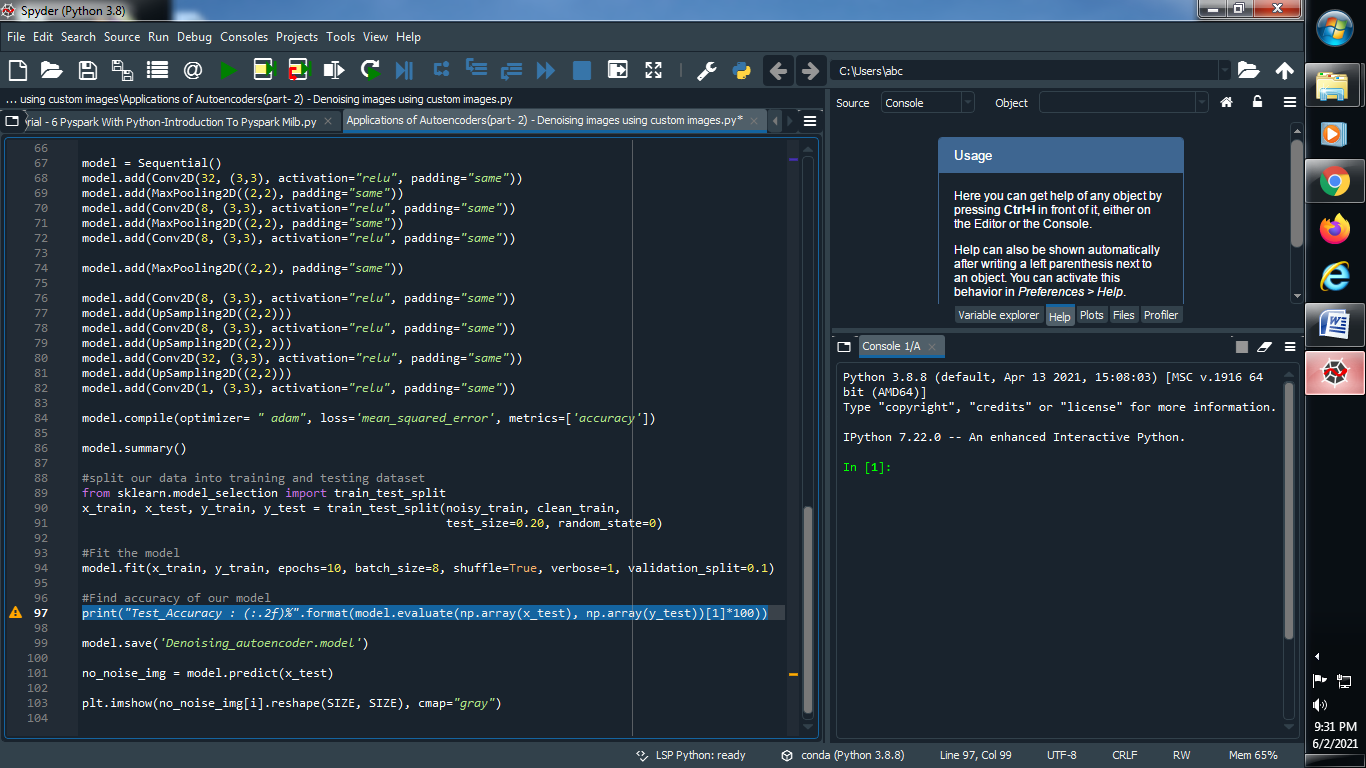
**(9) Split our data into training and testing dataset :**

****

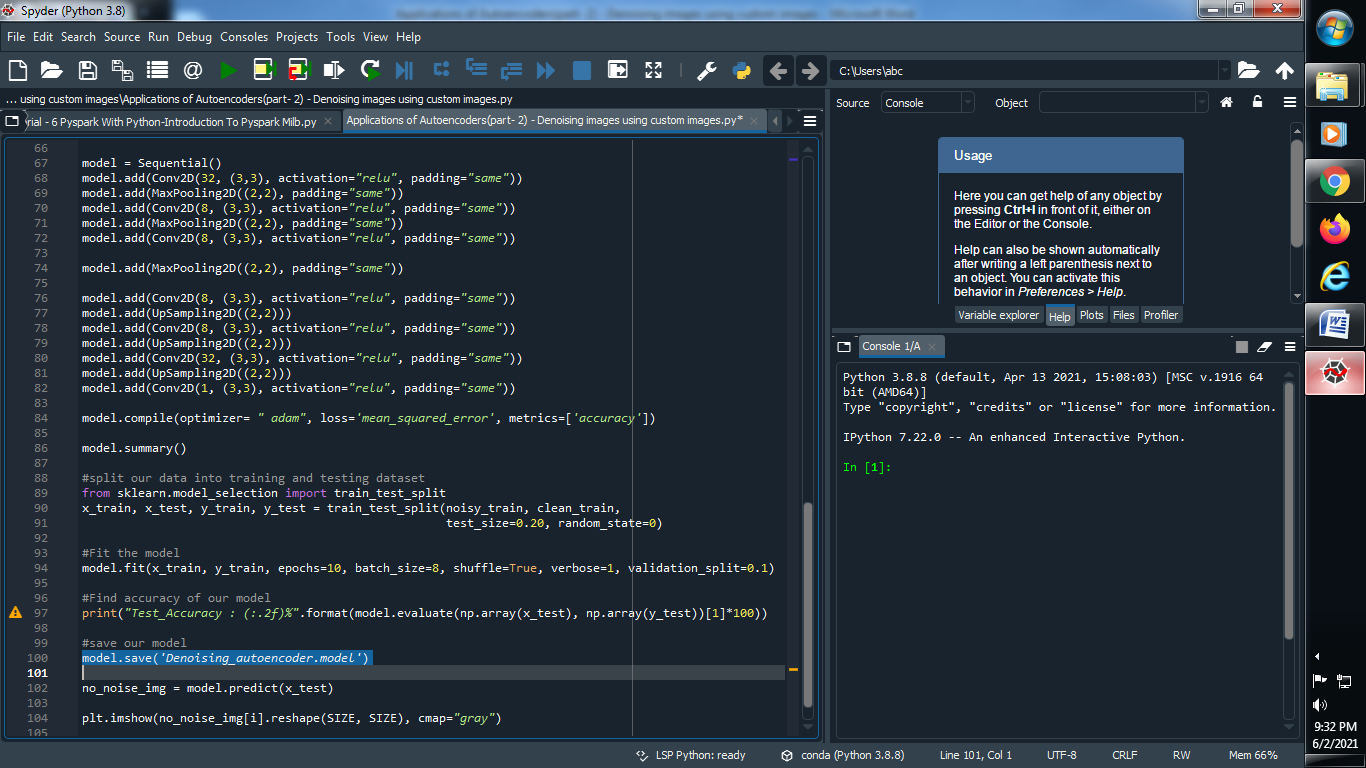
**(10) Fit the model :**

****

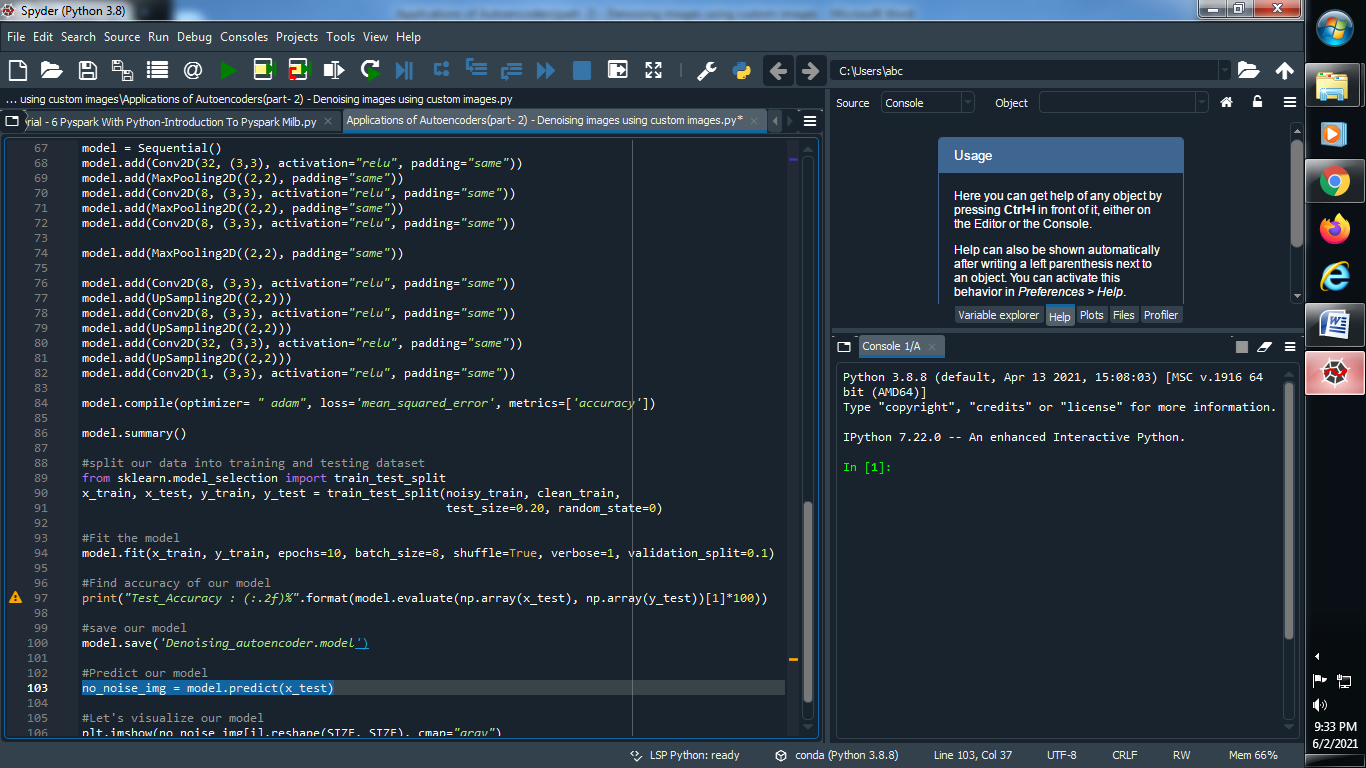
**(11) Find accuracy of our model :**

****

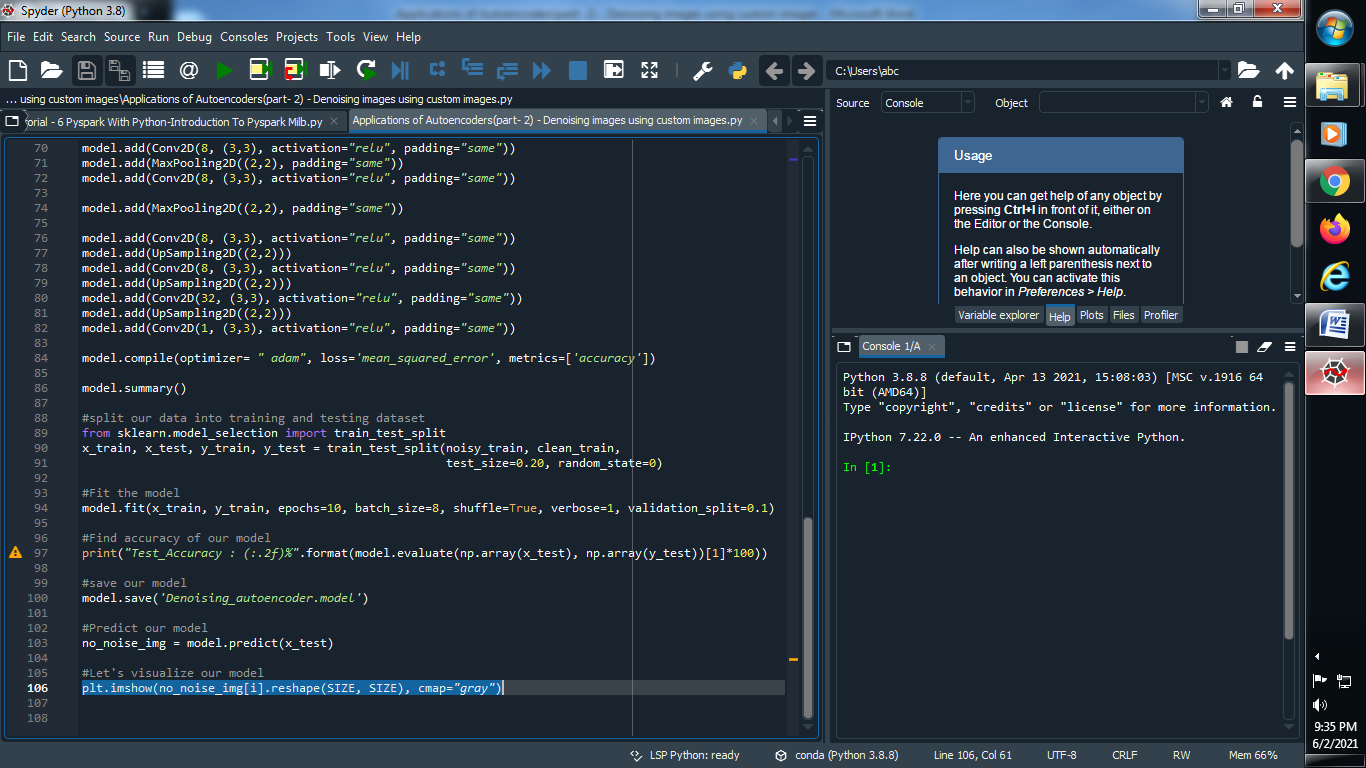
**(12) Save our model :**

****

**(13) Predict our model :**

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**(14) Let’s visualize our model :**

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