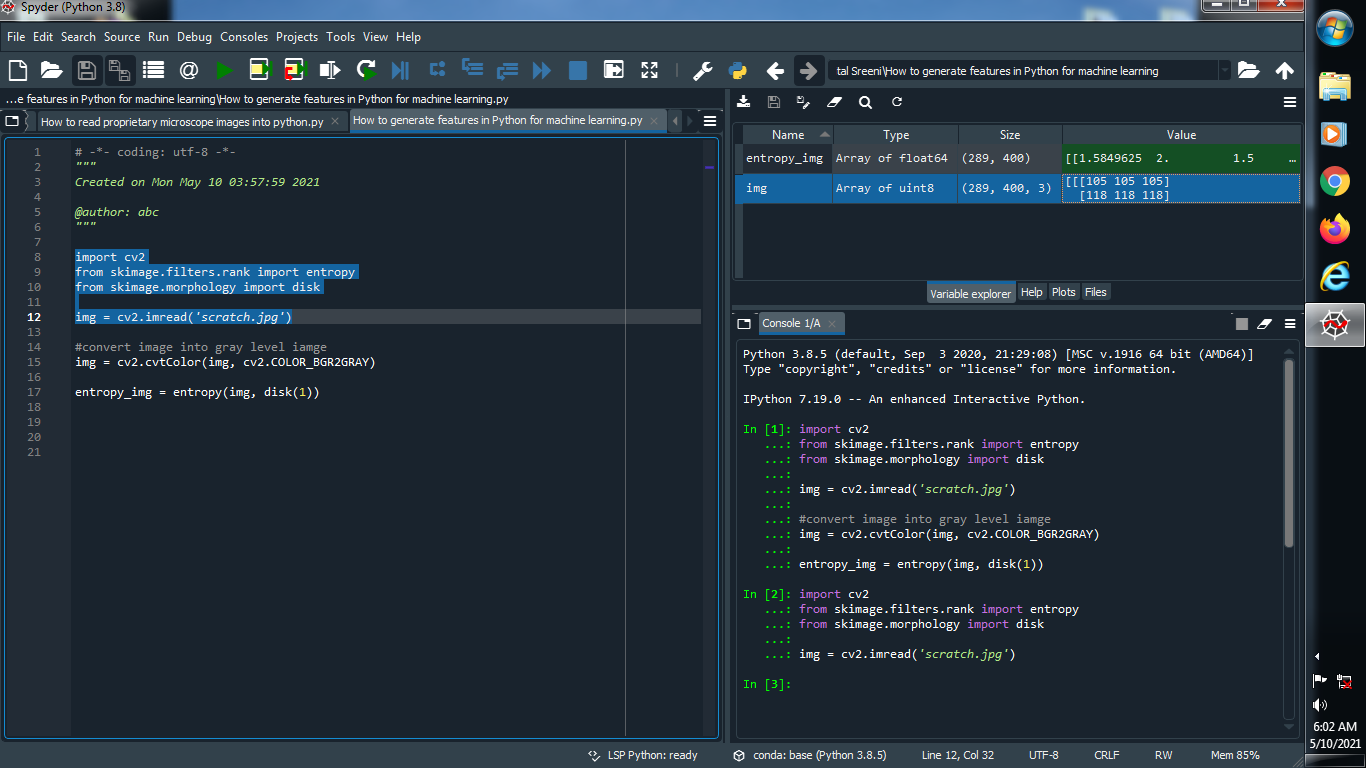
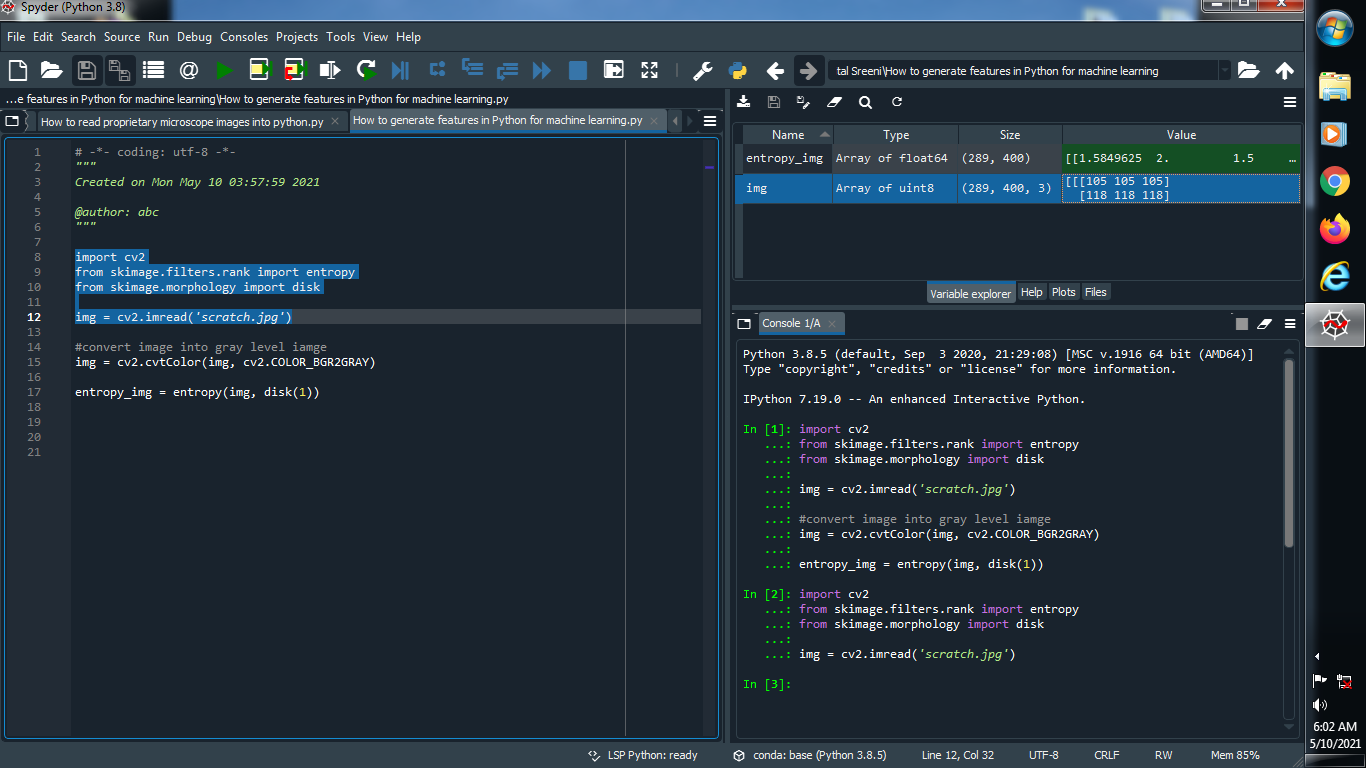
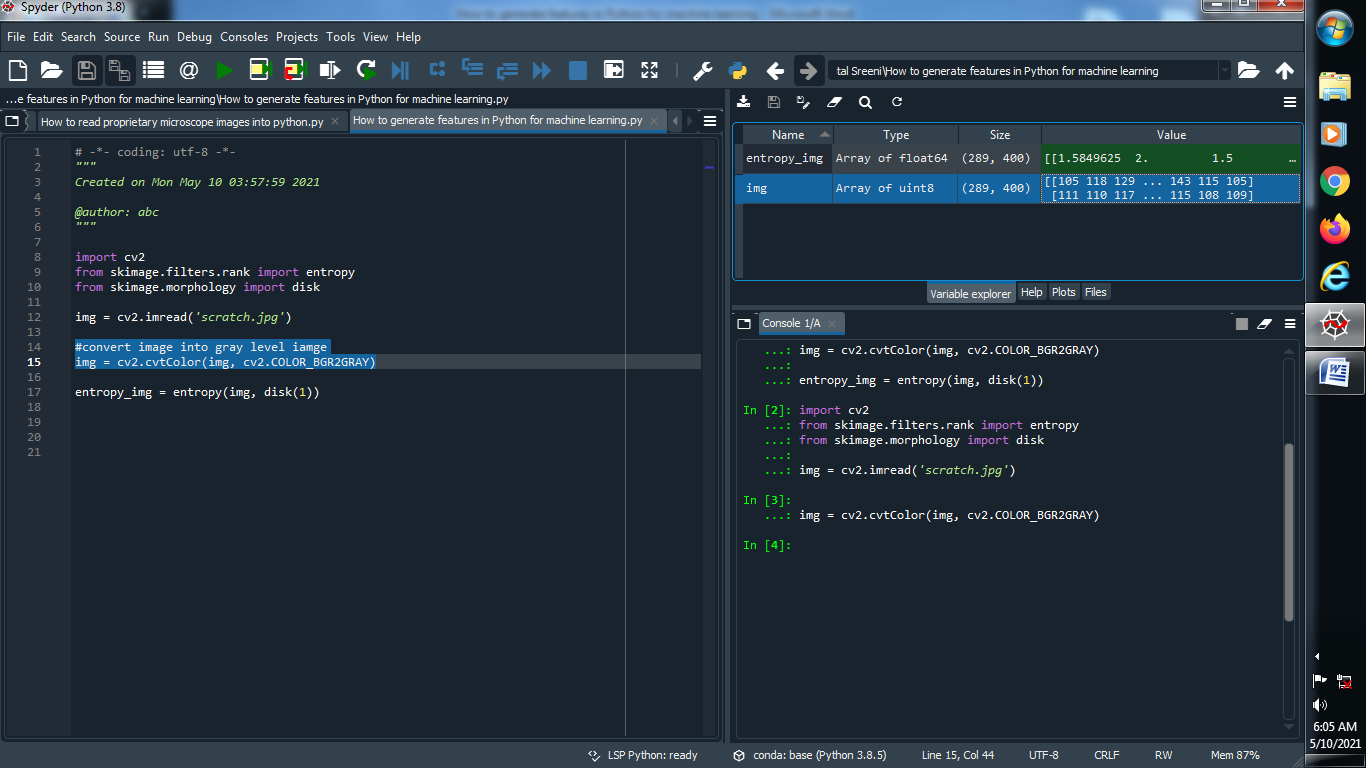
**(1) Read the image using opencv :**

****

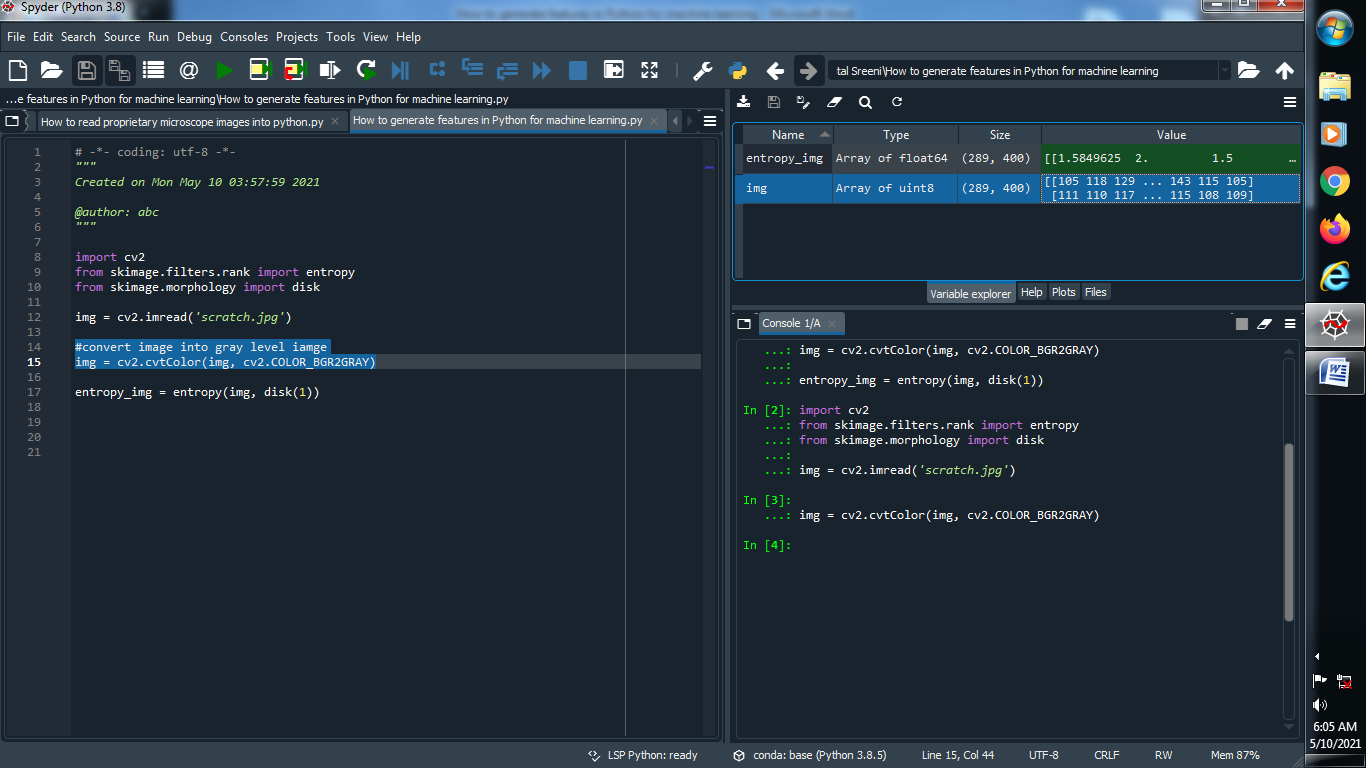
**Output :**

****

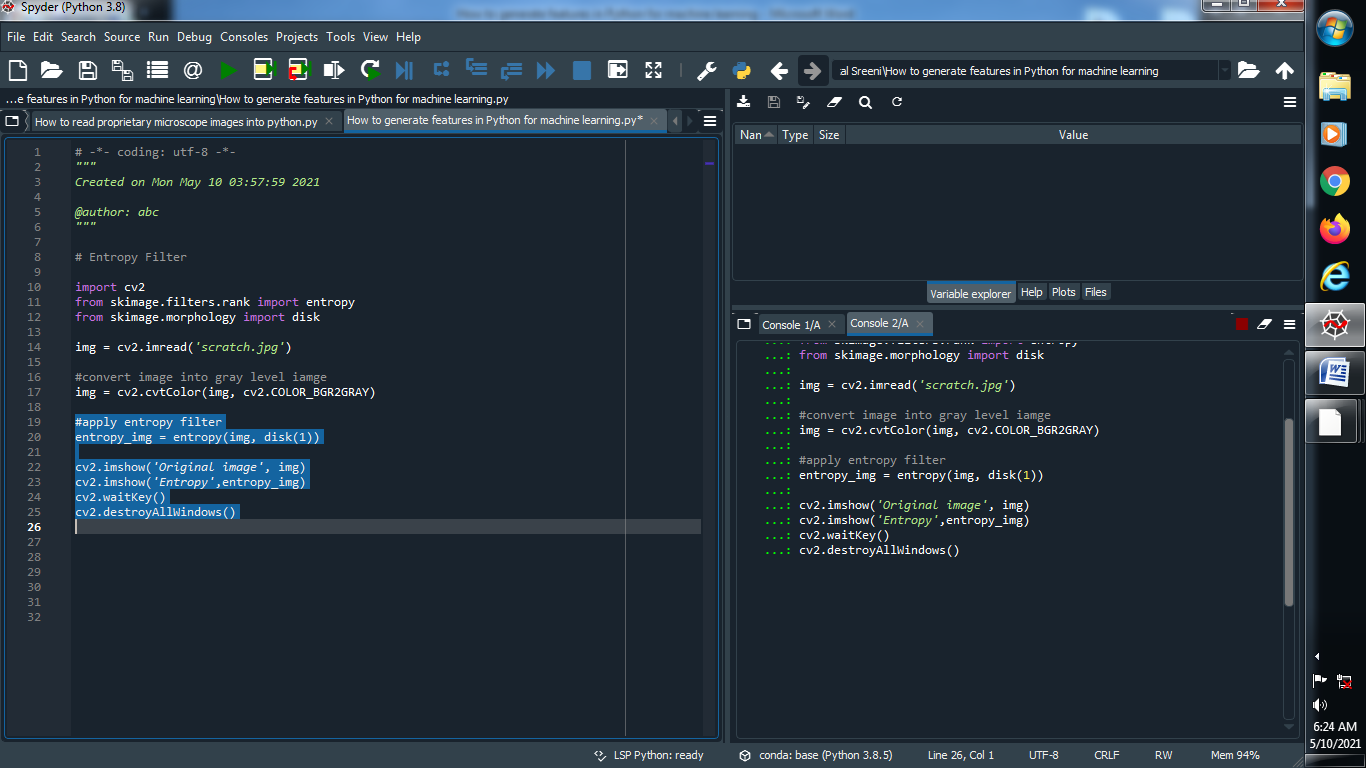
**(2) Convert image into gray level image :**

****

**Output :**

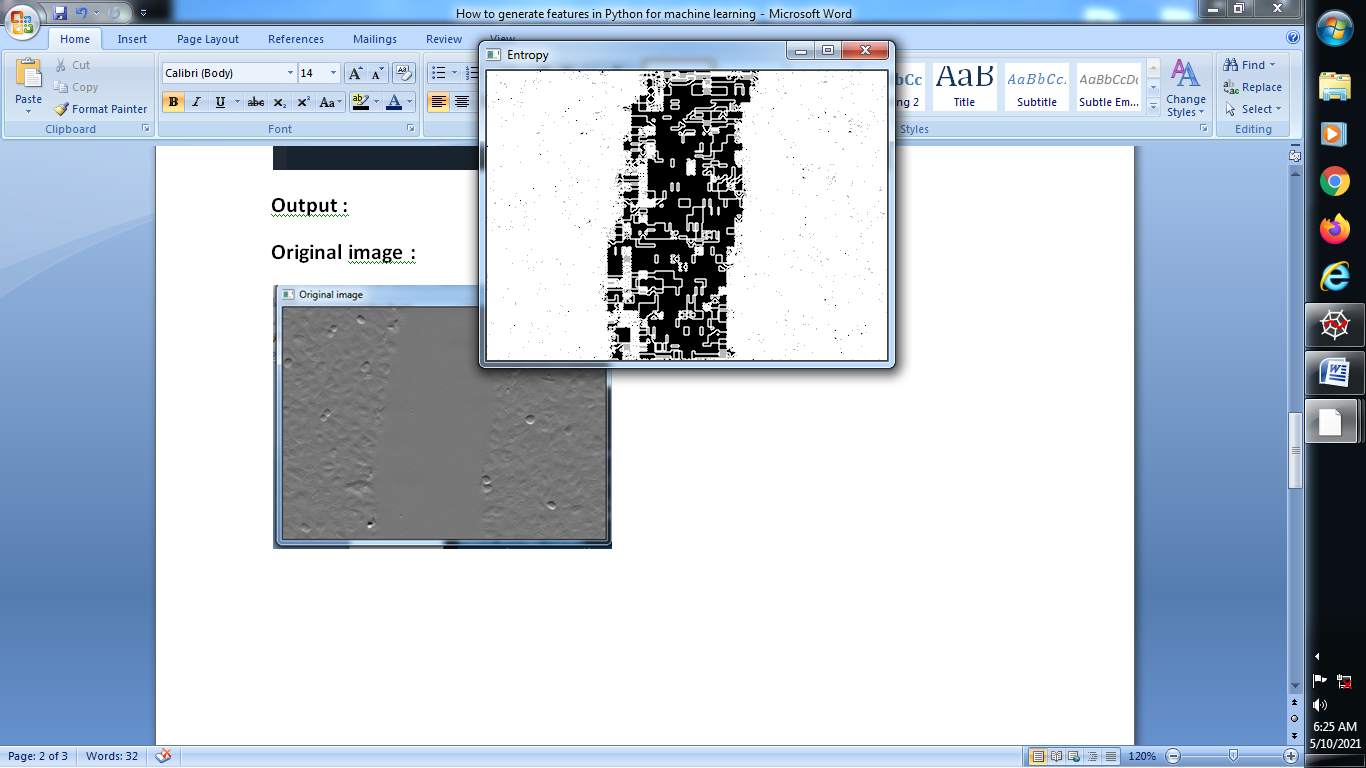
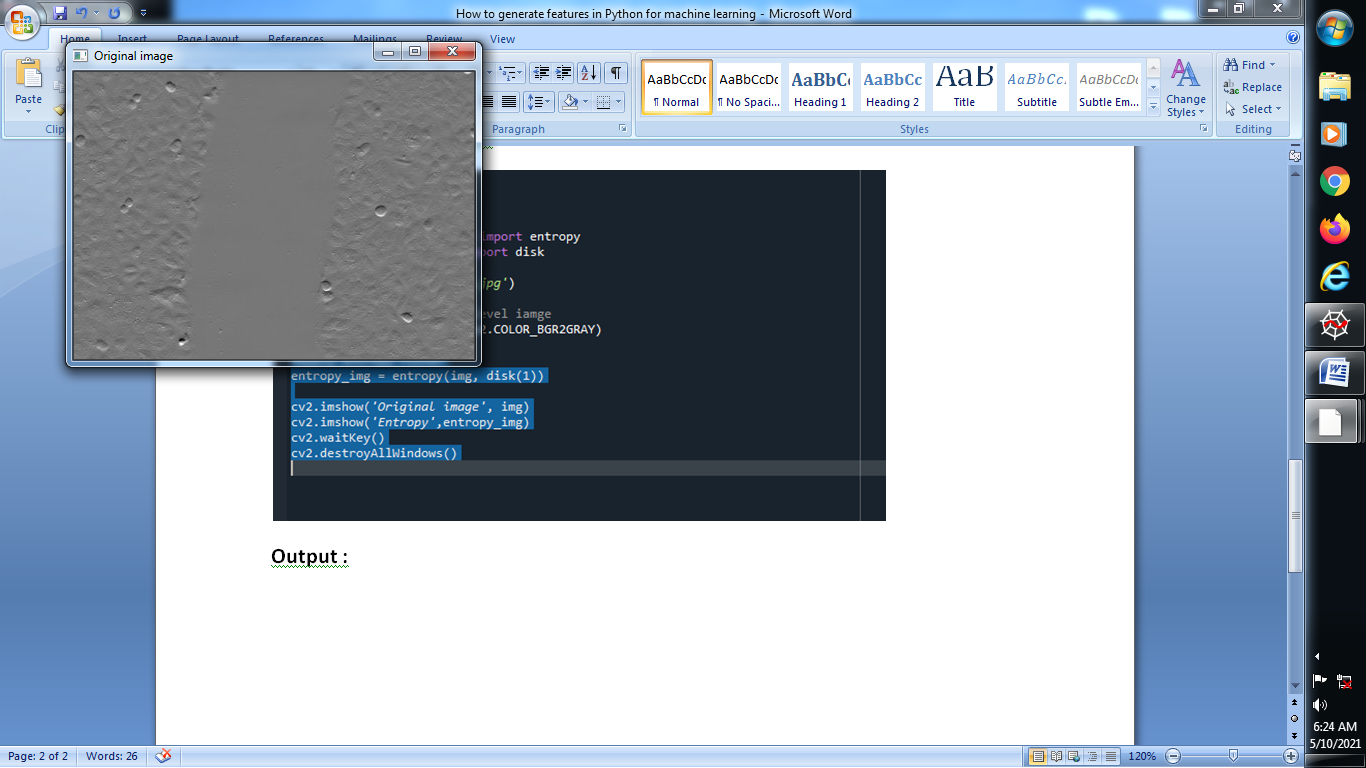
****

**(3) Apply Entropy filter :**

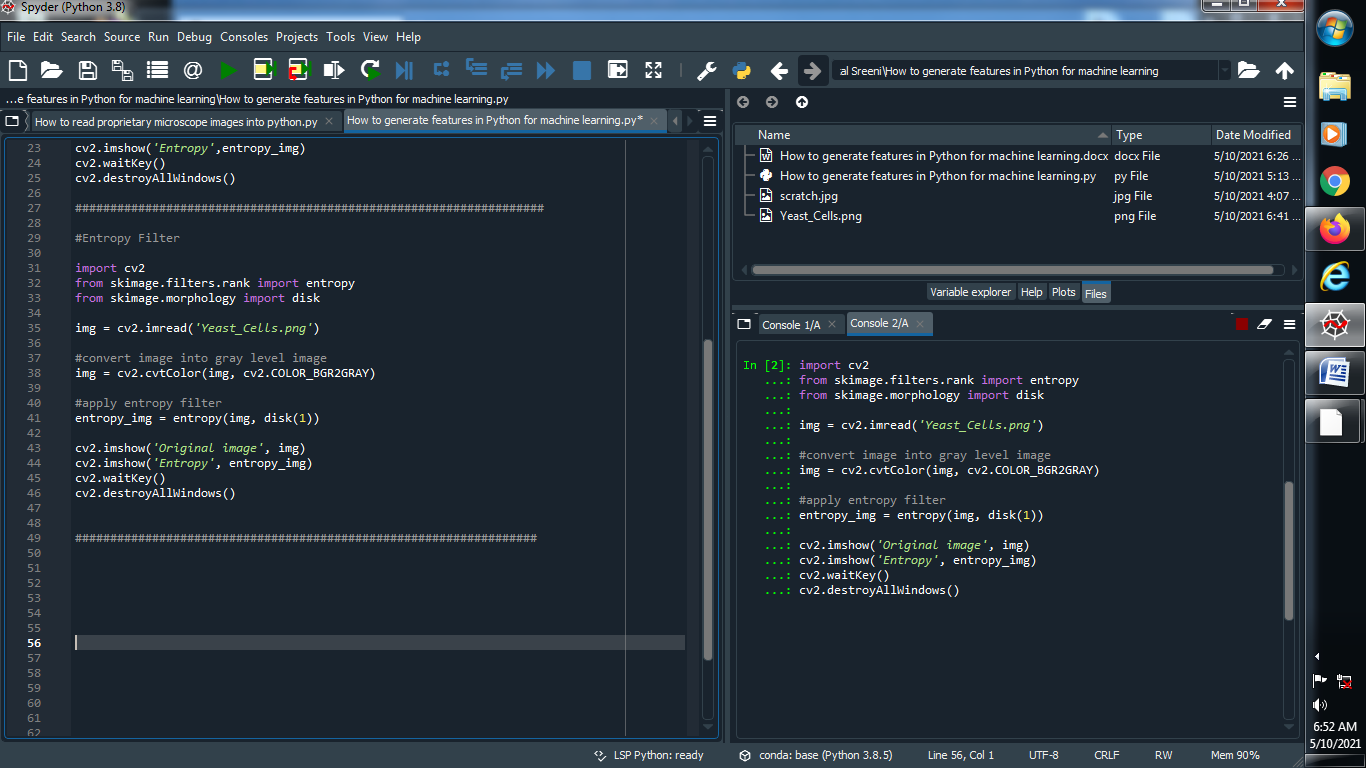
****

**Output :**

**Original image : Entropy image :**

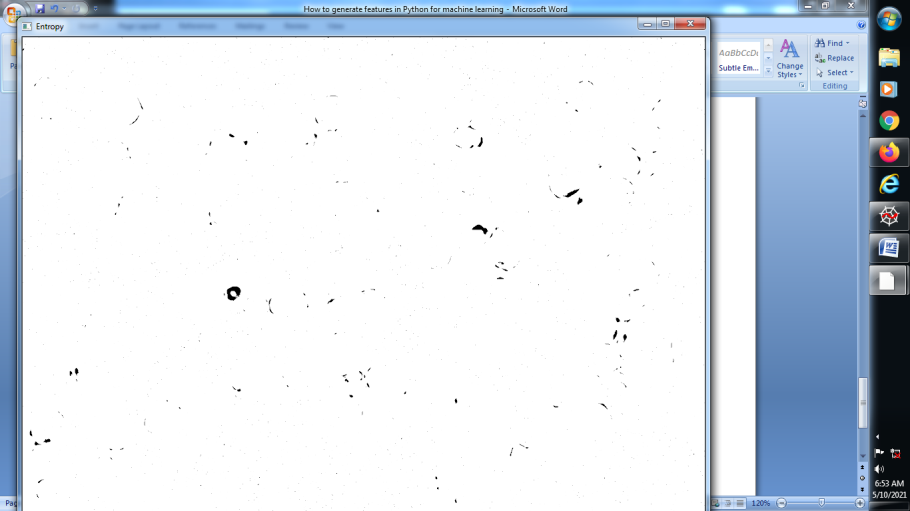
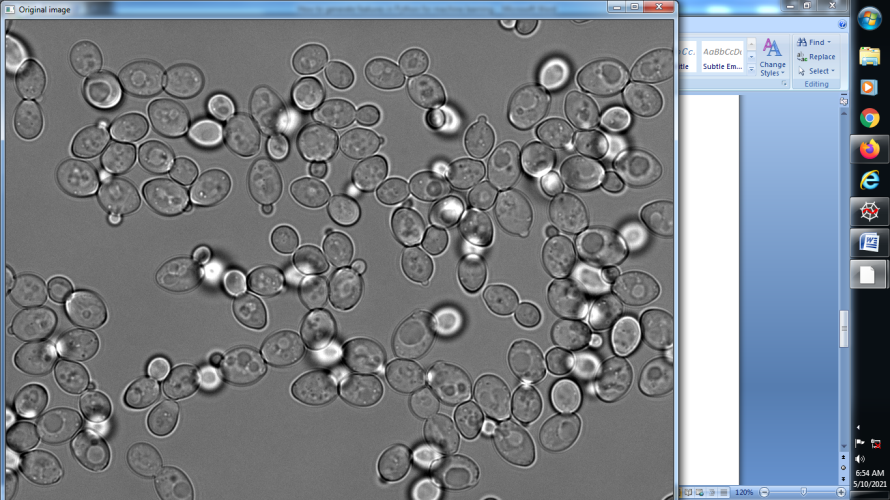
****

**(4) Another example of entropy example :**

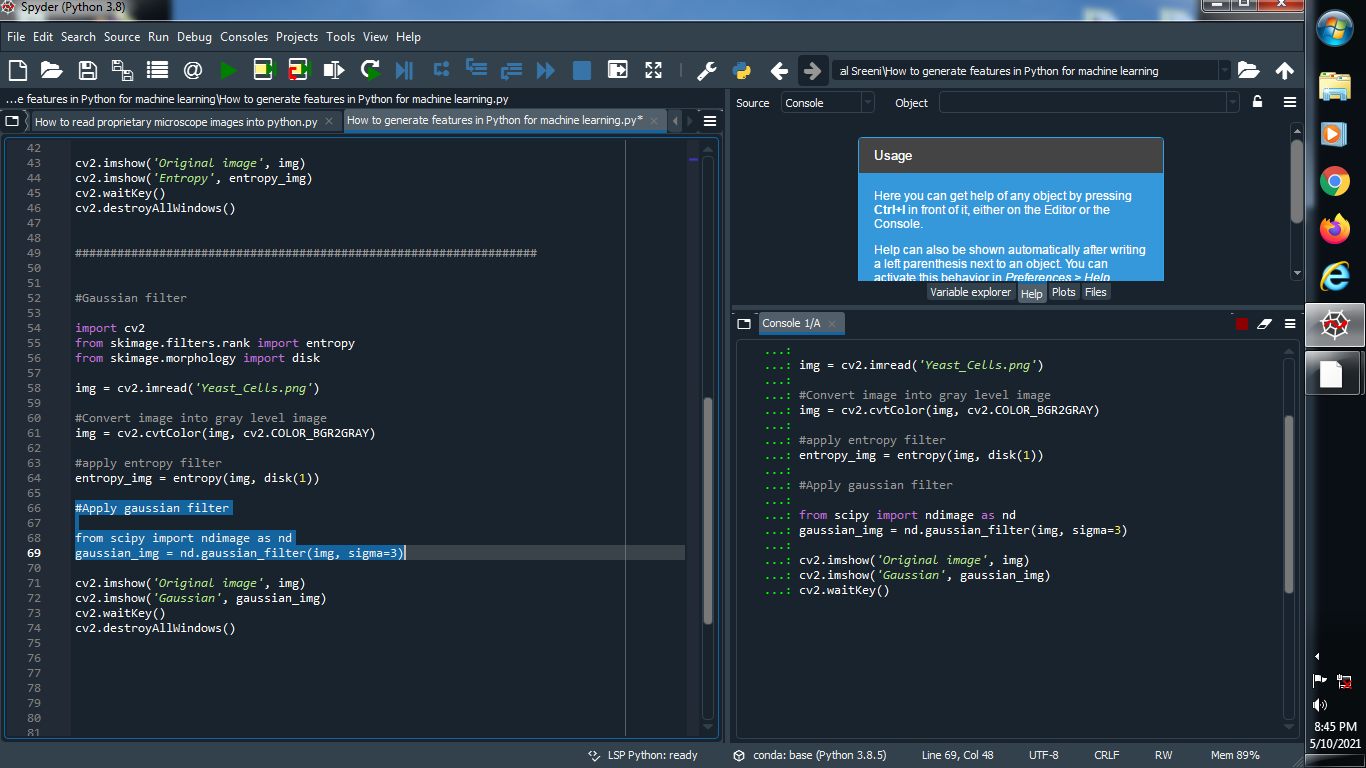
****

**Output :**

**Original image : Entropy image :**

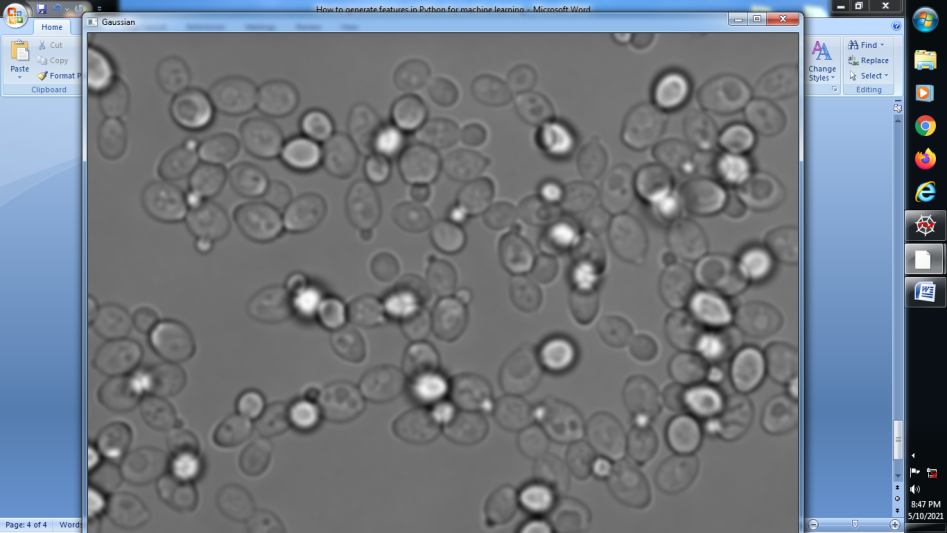
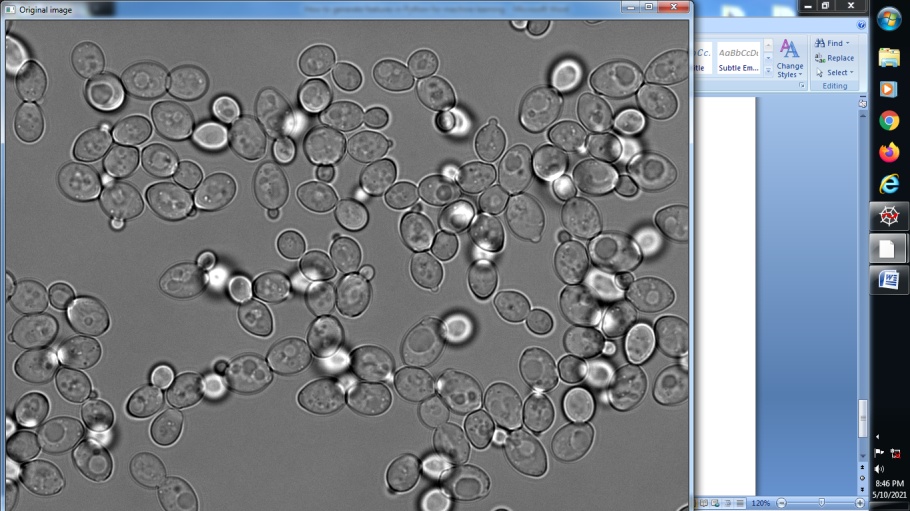
****

**(5) Apply Gaussian filter :**

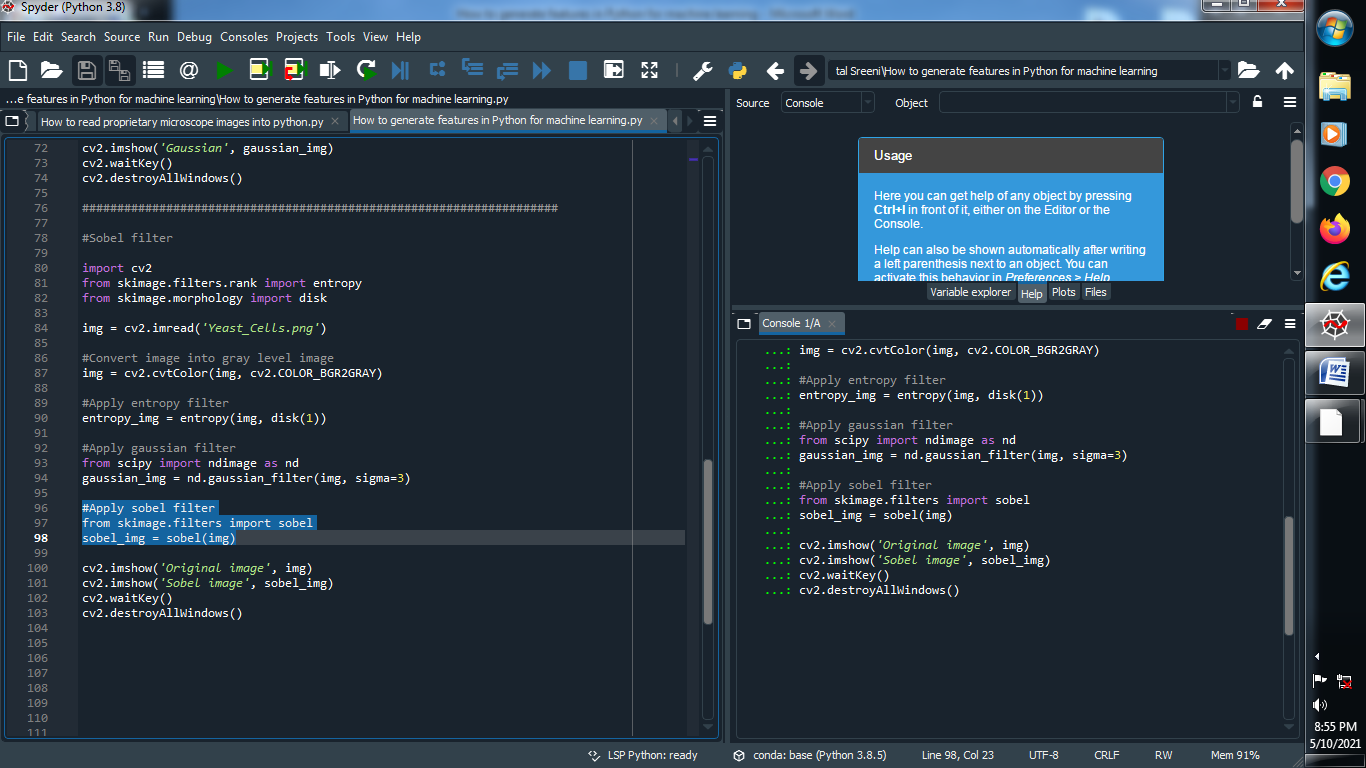
****

**Output :**

**Original image : Gaussian image :**

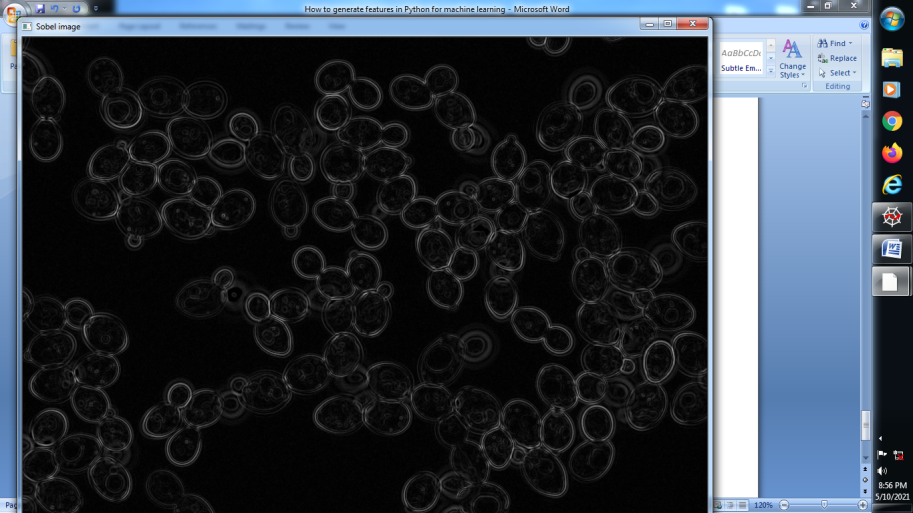
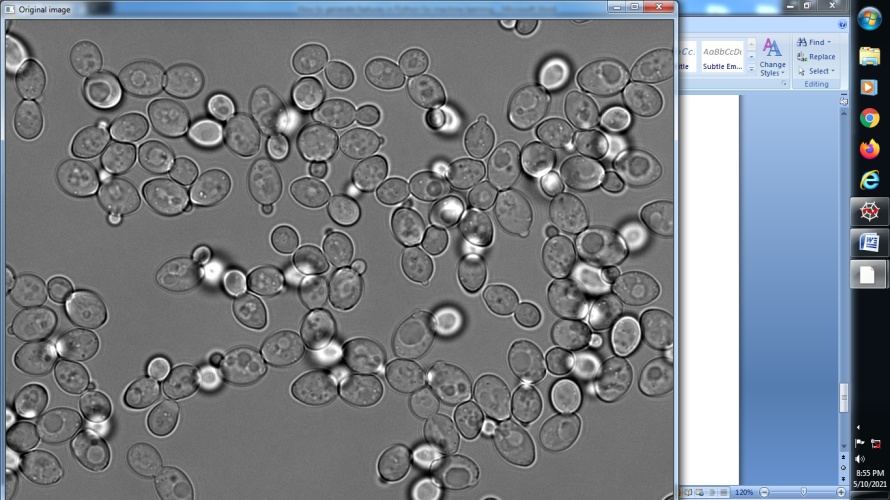
****

**(6) Apply sobel filter :**

****

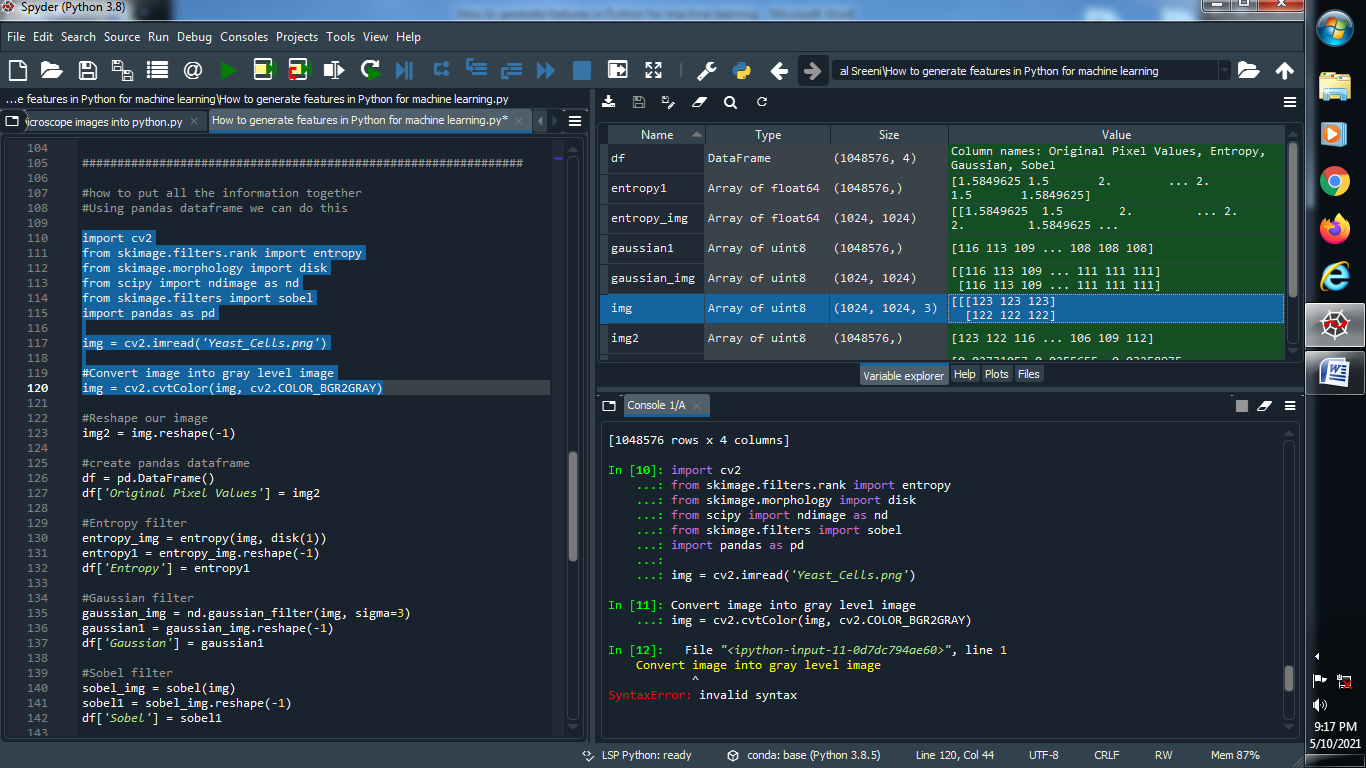
**Output :**

**Original image : Sobel image :**

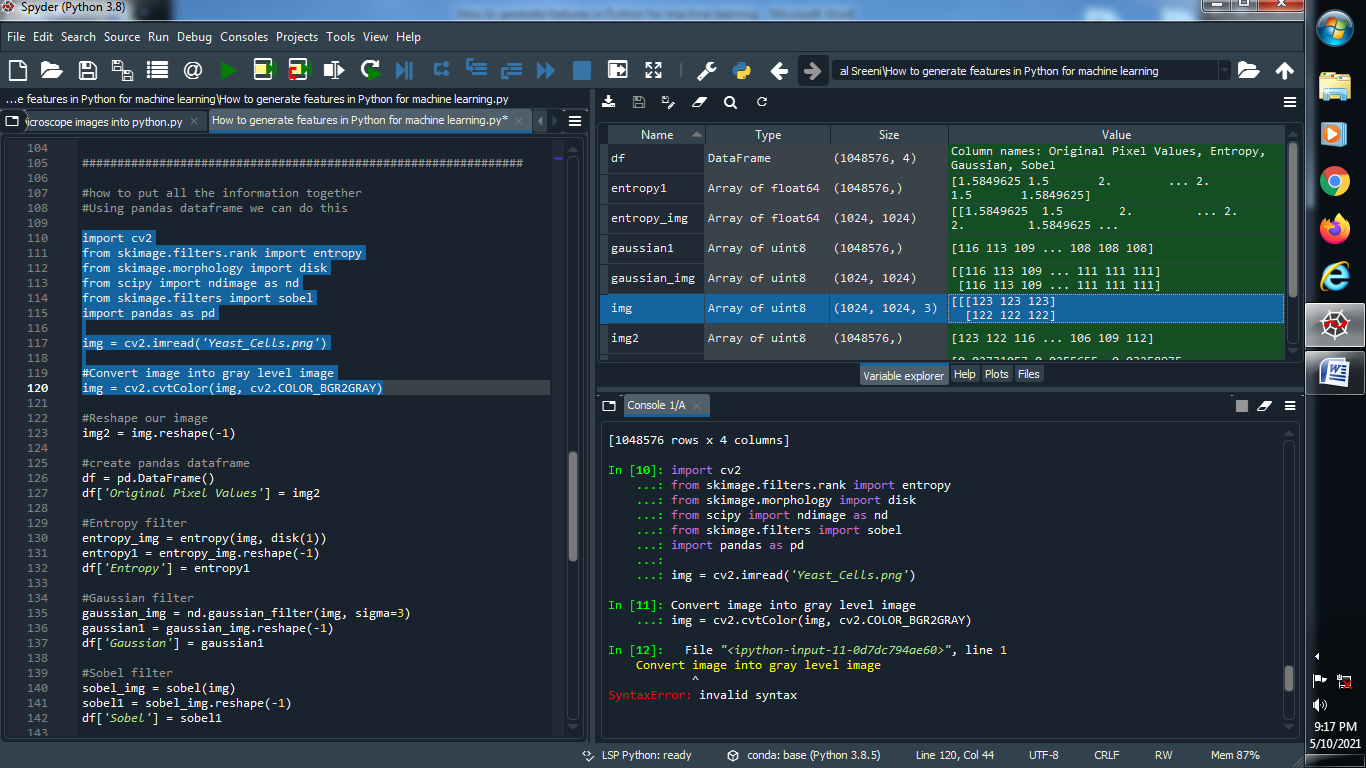
****

**→ Now Apply that above all information together using dataframe in pandas**

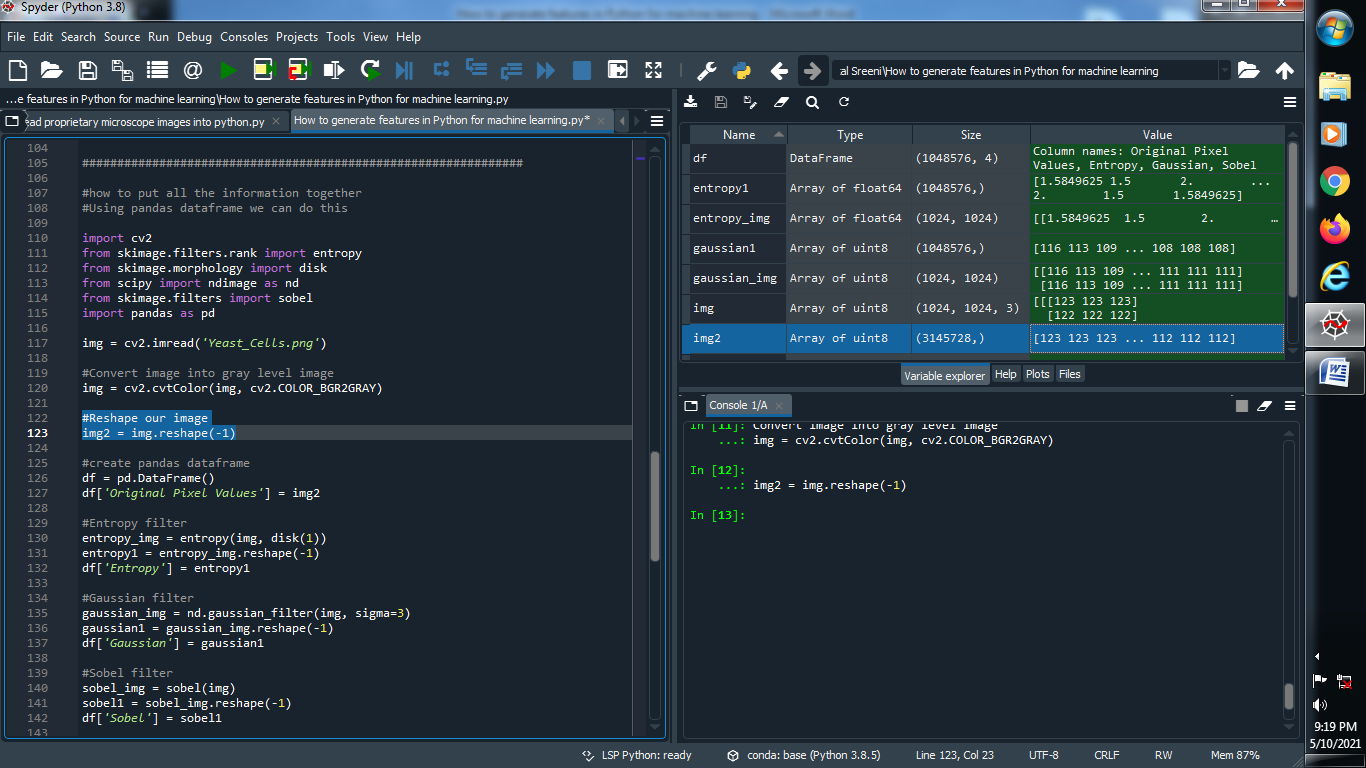
**(1) import library’s and read our image and convert into gray level image :**

****

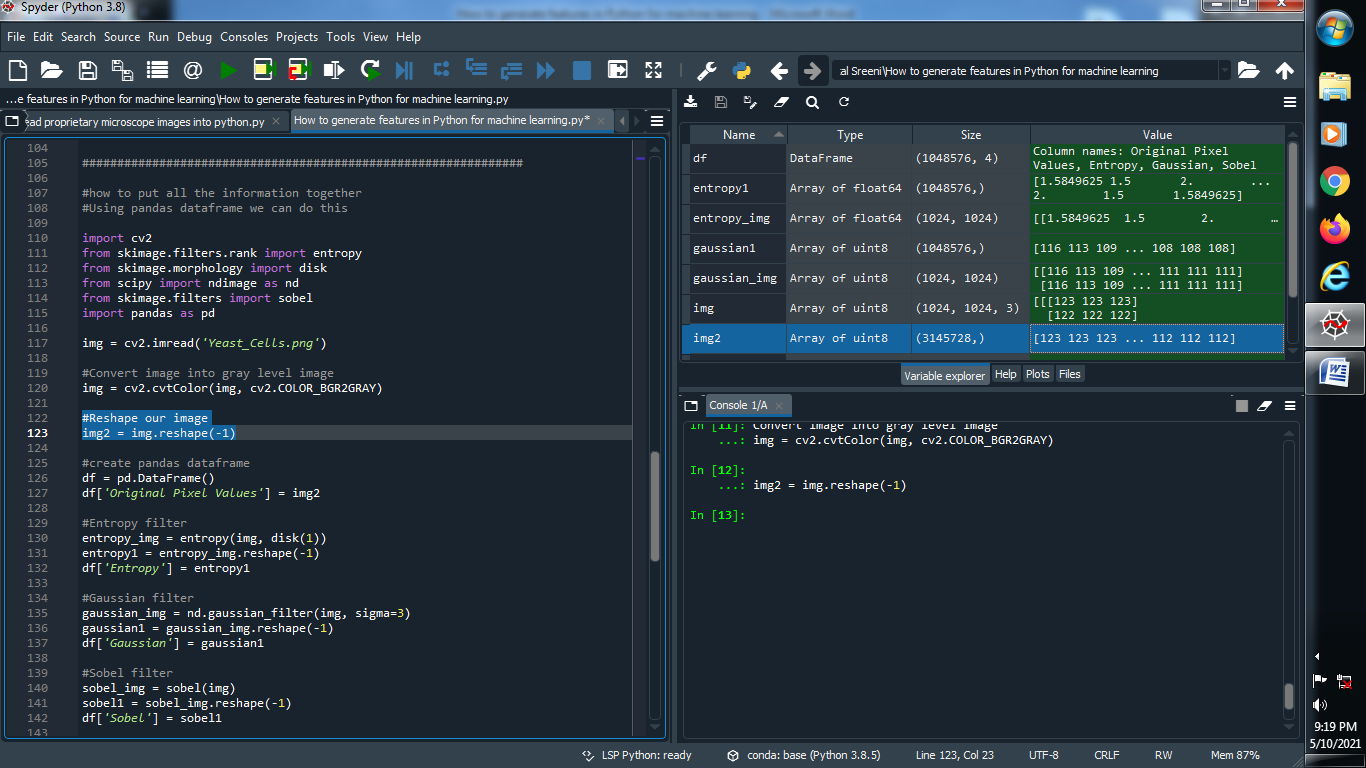
**Output :**

****

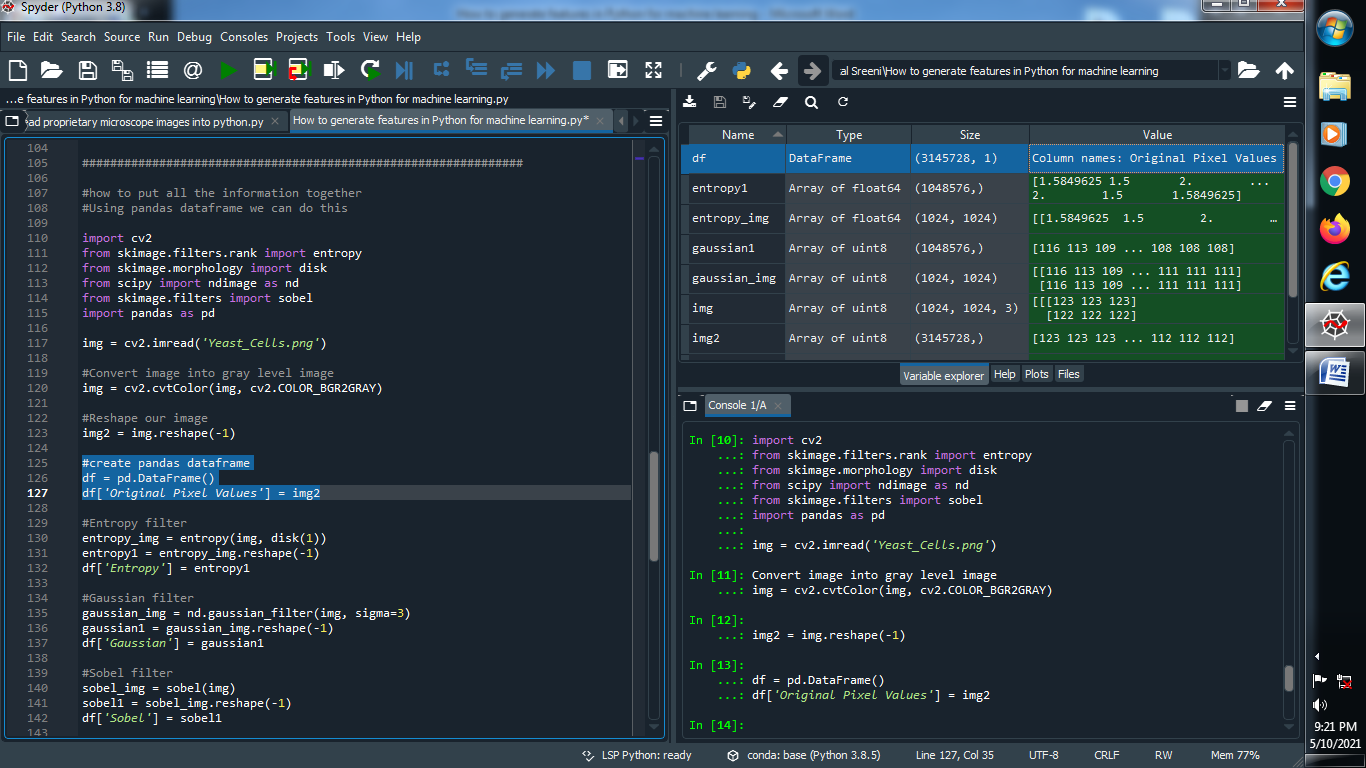
**(2) Reshape our image :**

****

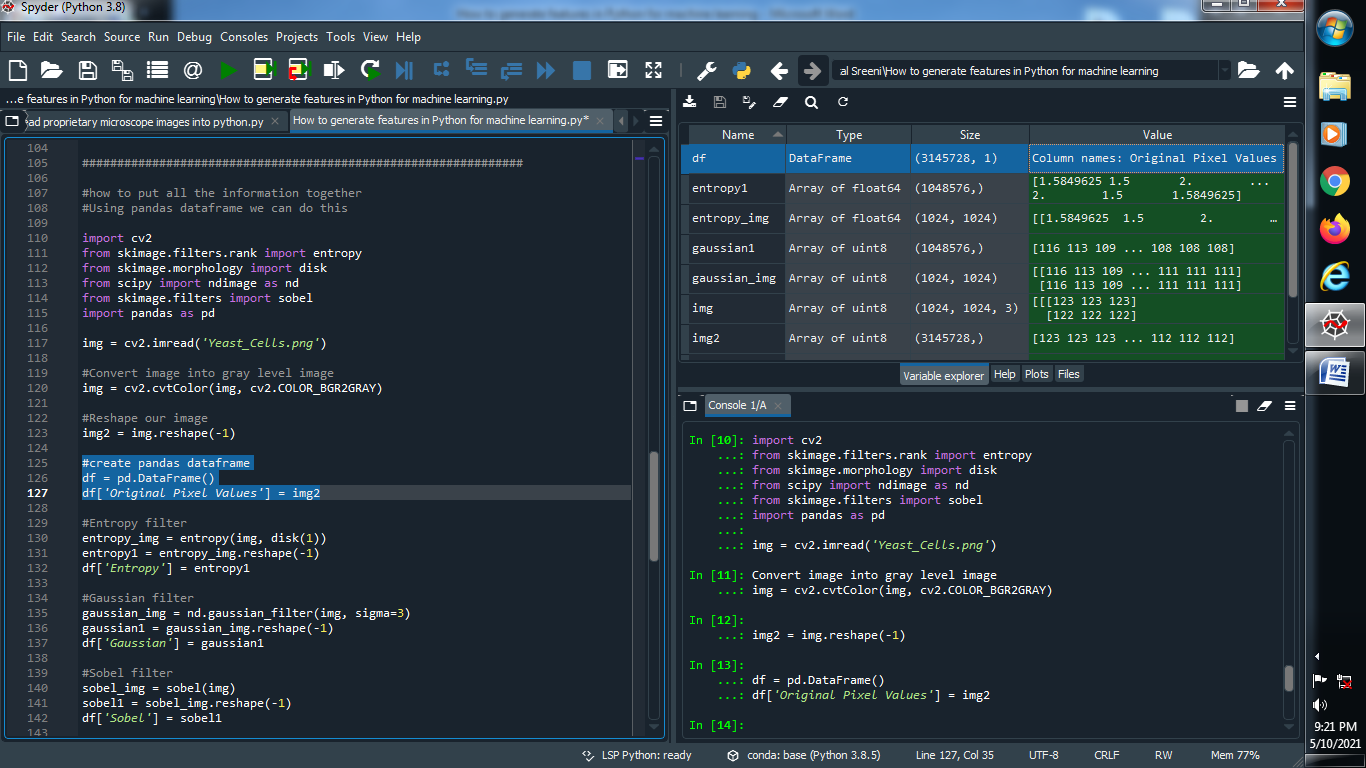
**Output :**

****

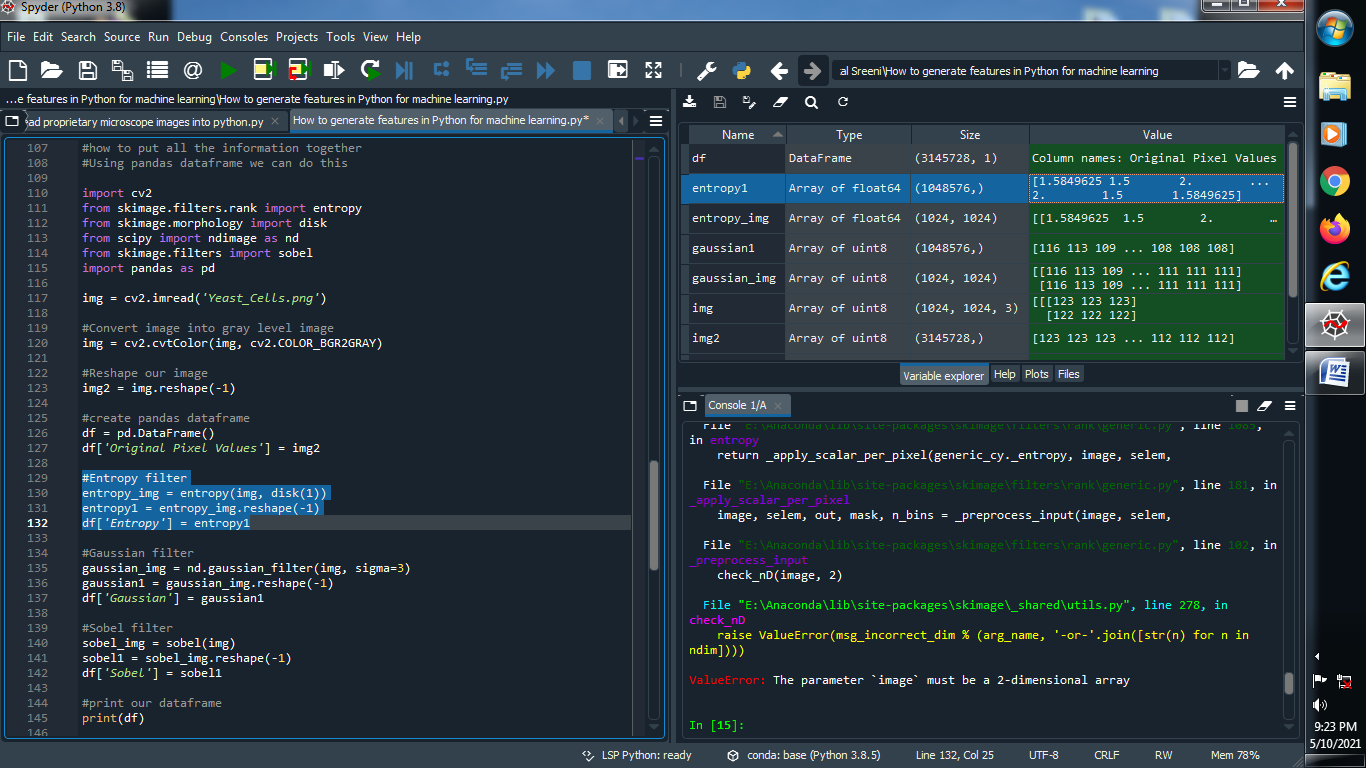
**(3) Create pandas dataframe :**

****

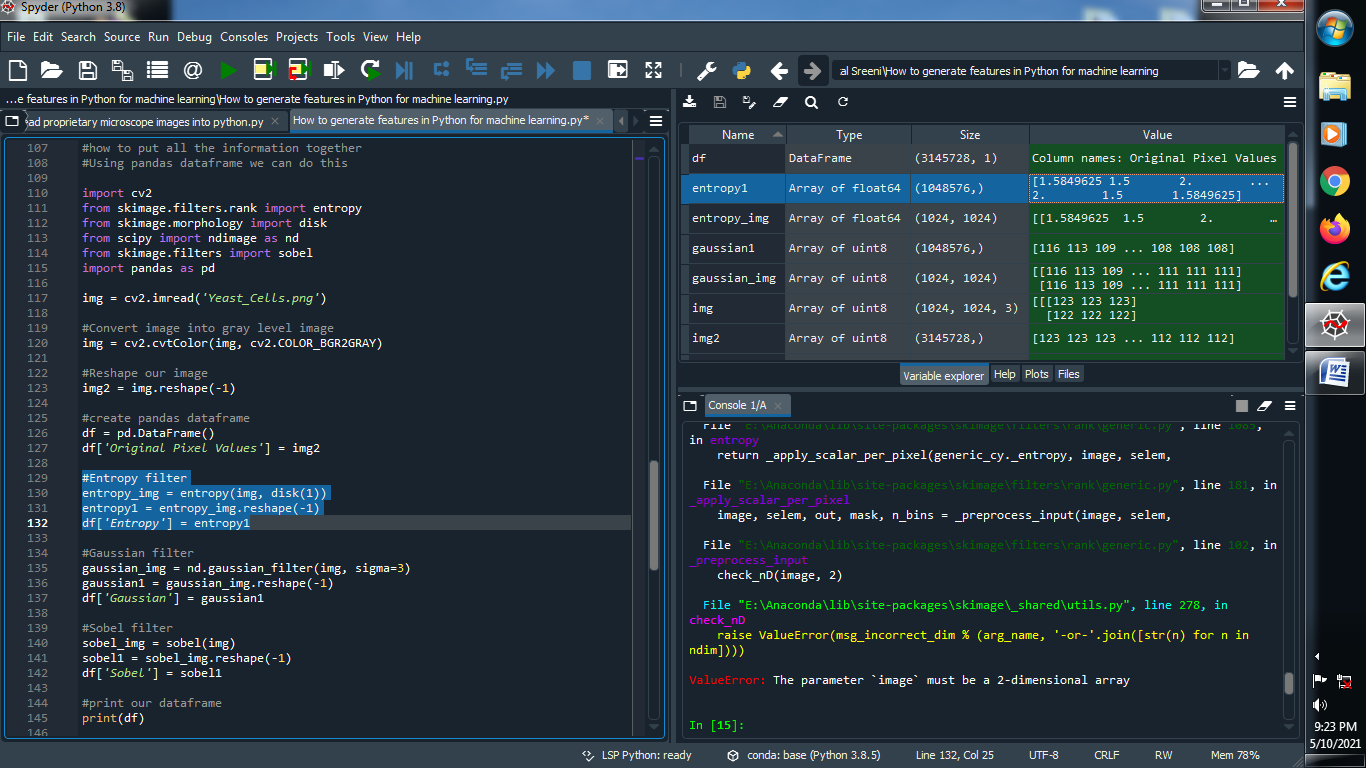
**Output :**

****

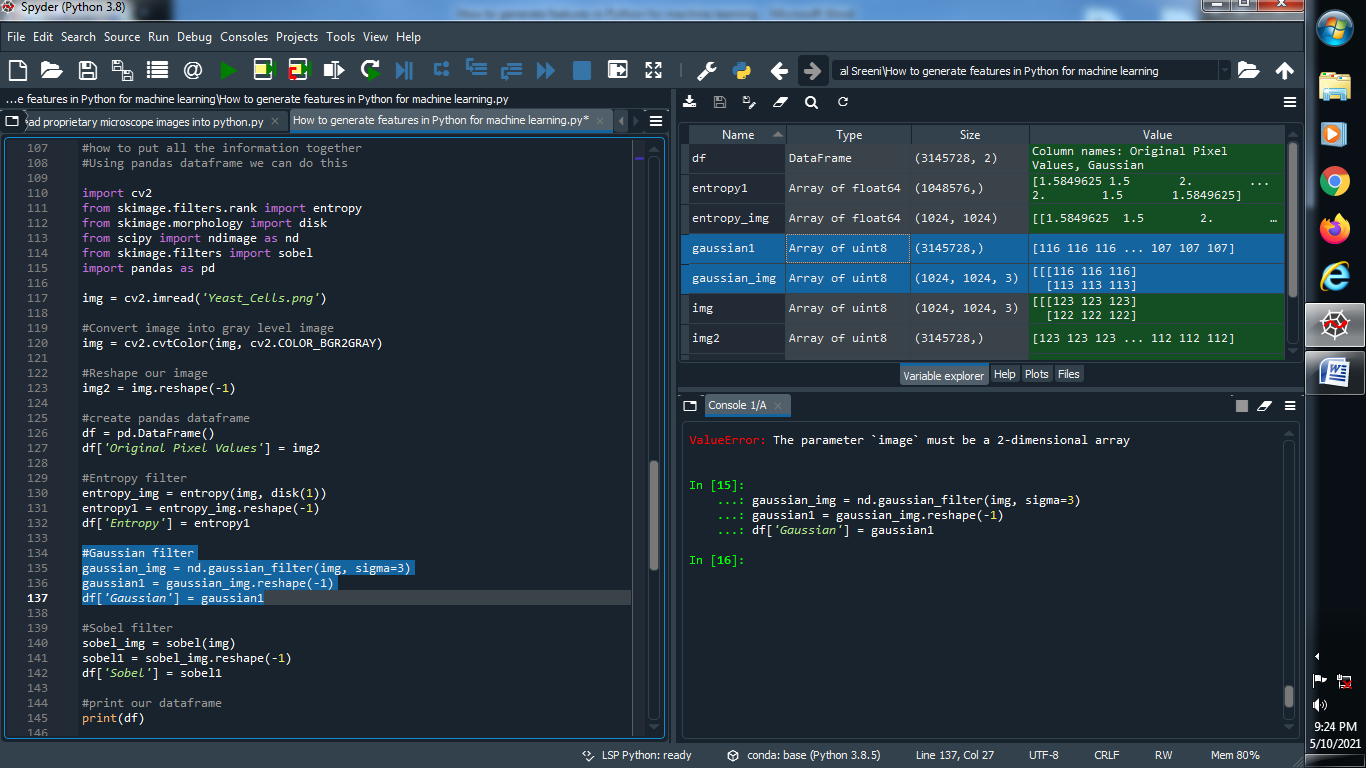
**(4) Apply entropy filter :**

****

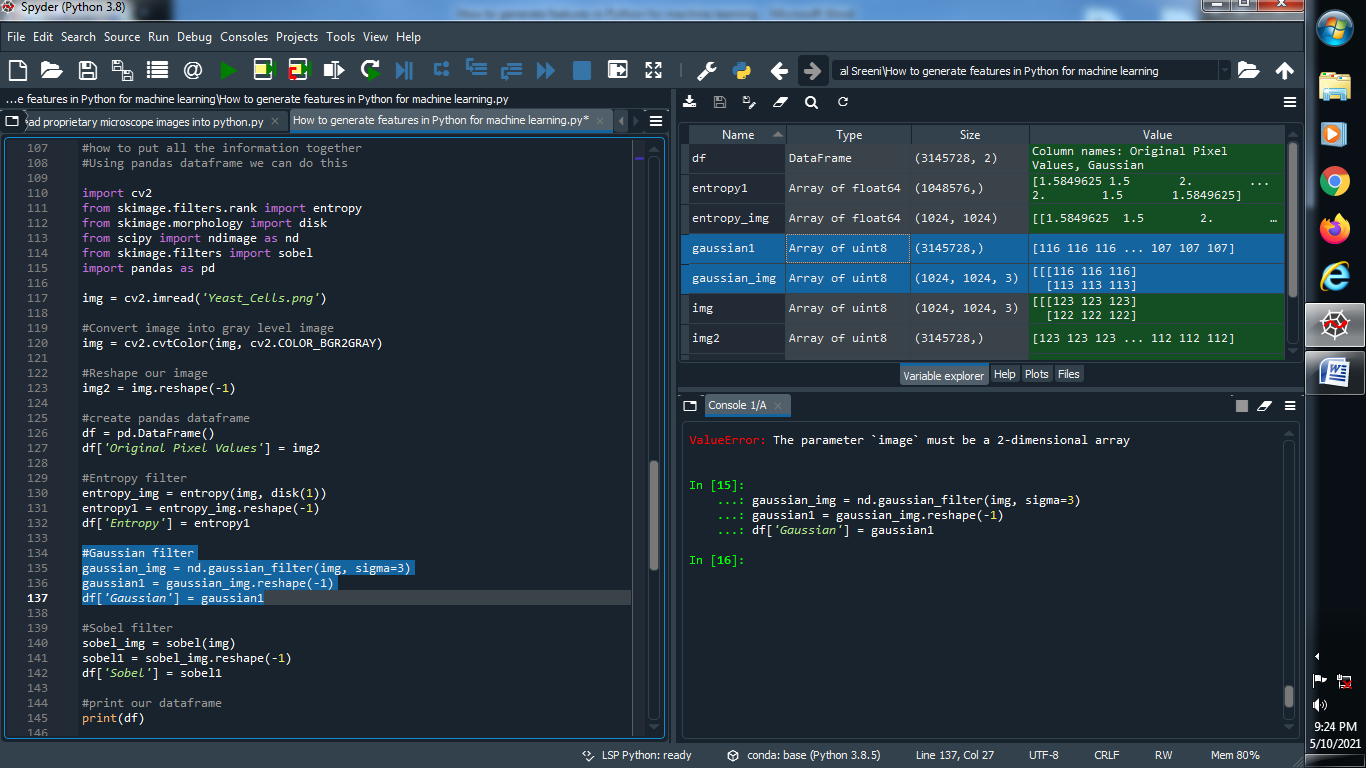
**Output :**

****

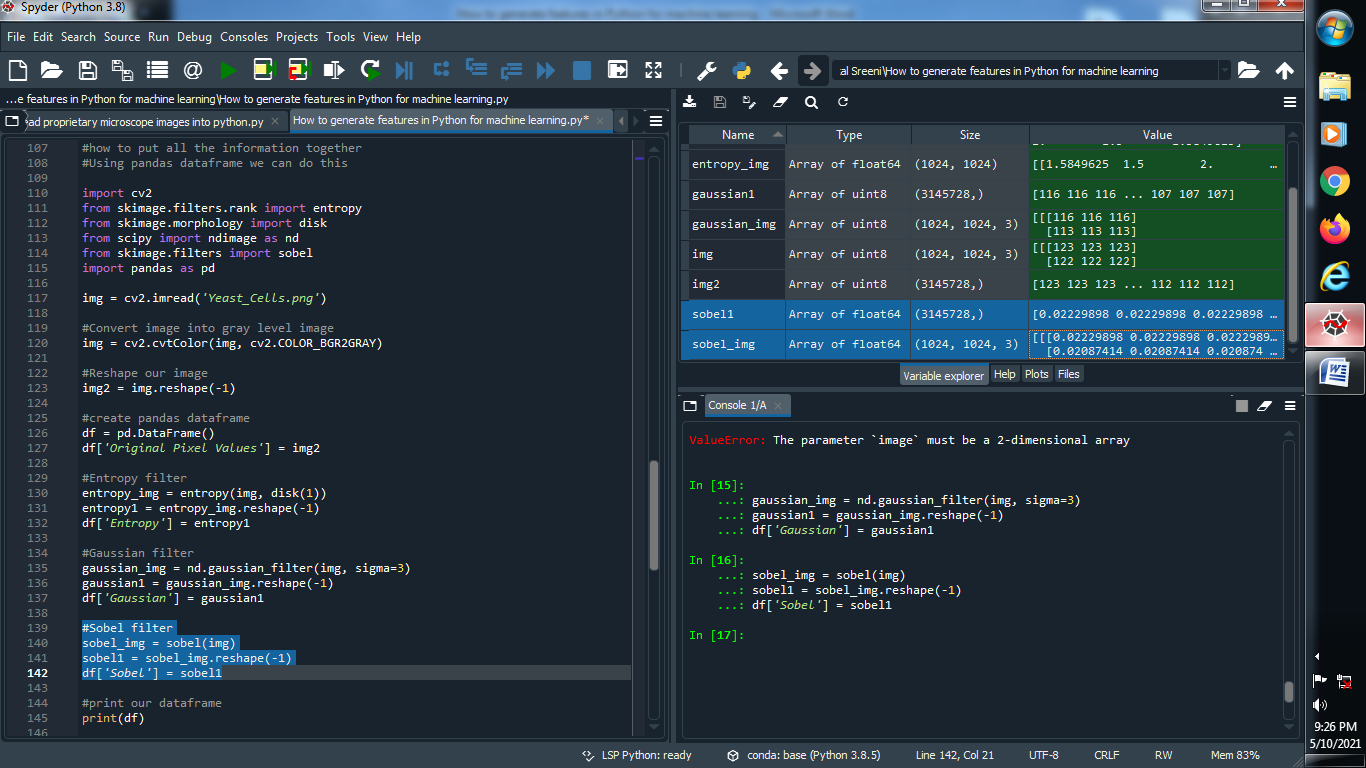
**(5) Apply Gaussian filter :**

****

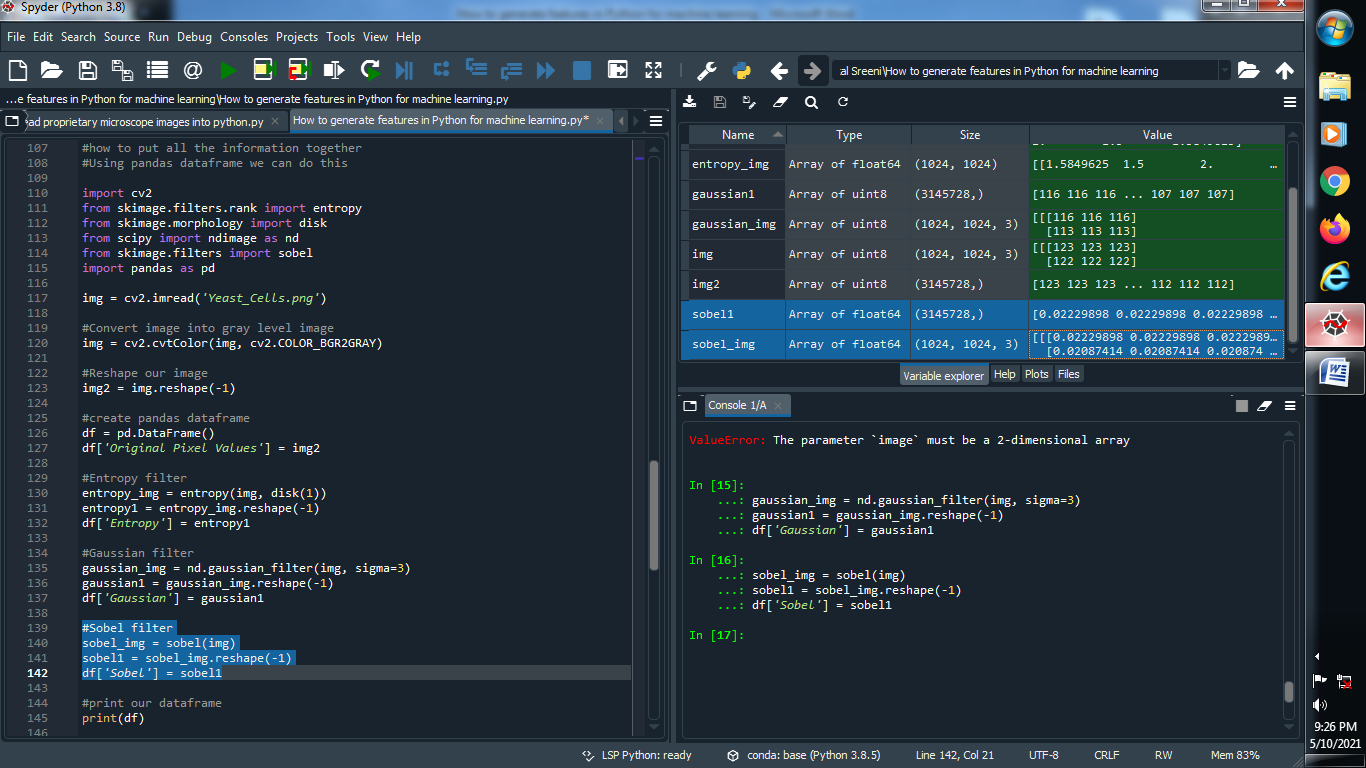
**Output :**

****

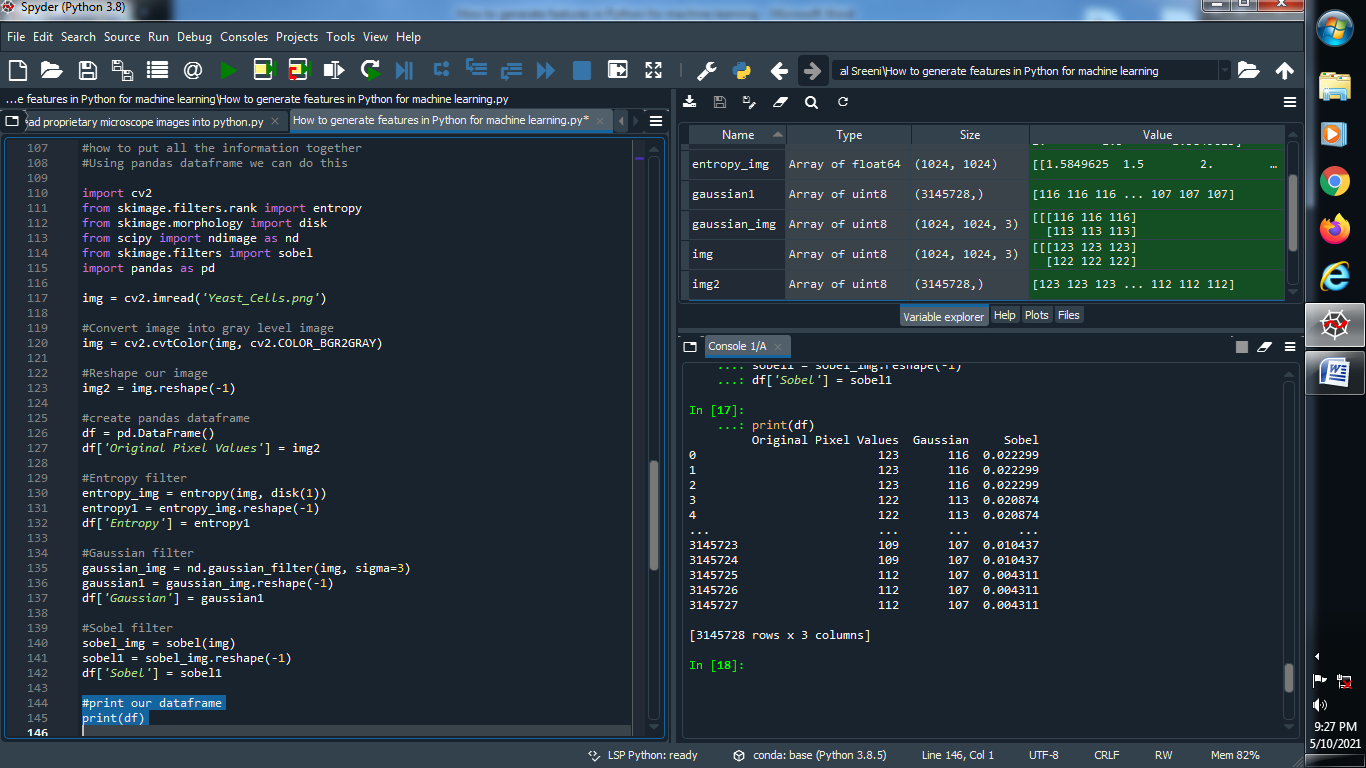
**(6) Apply Sobel filter :**

****

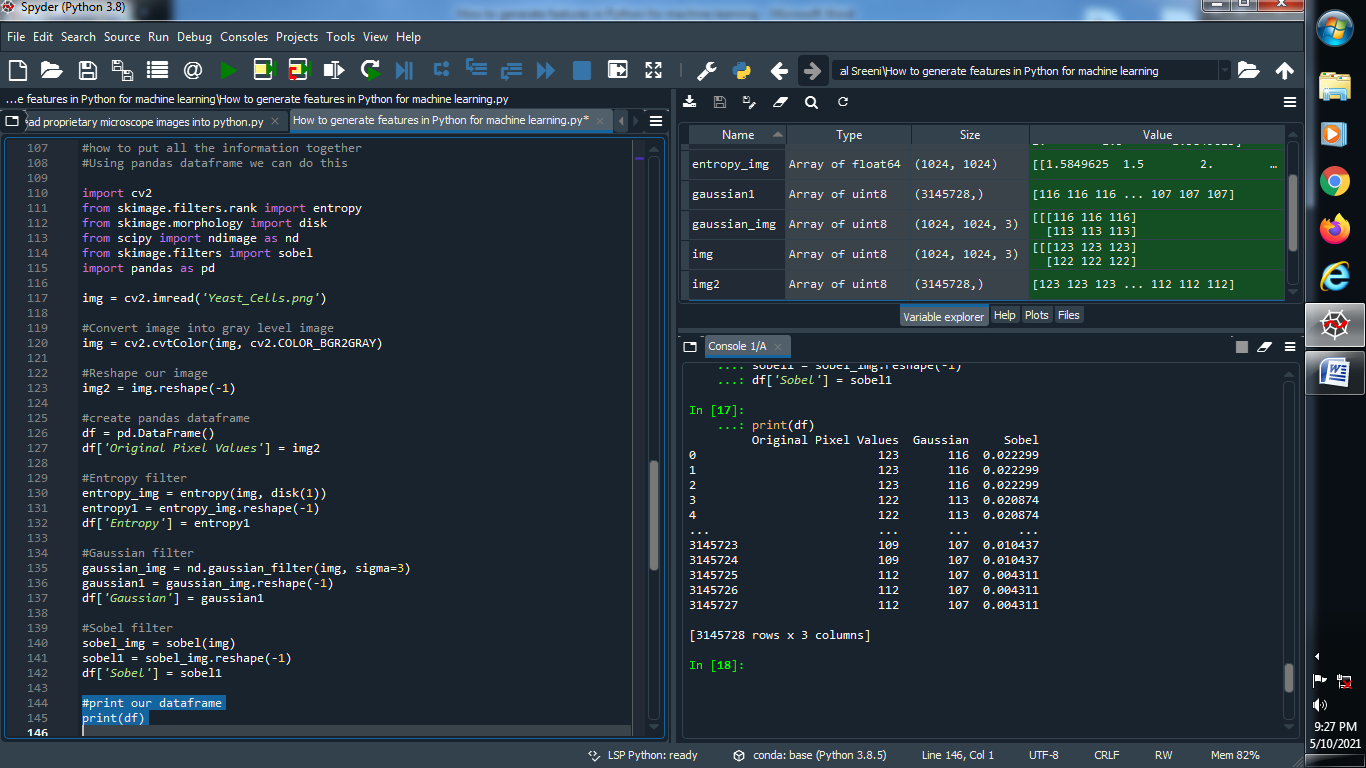
**Output :**

****

**(7) Print our dataframe :**

****

**Output :**

****