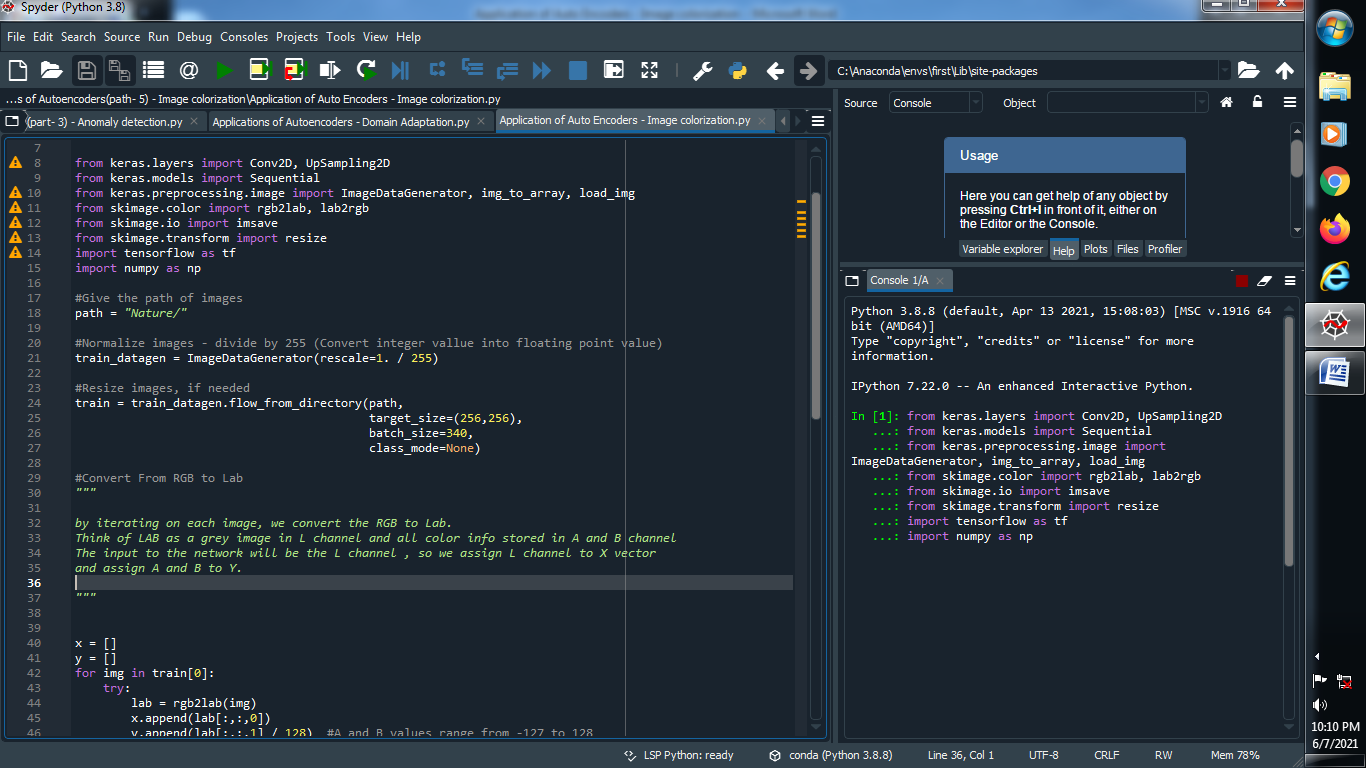
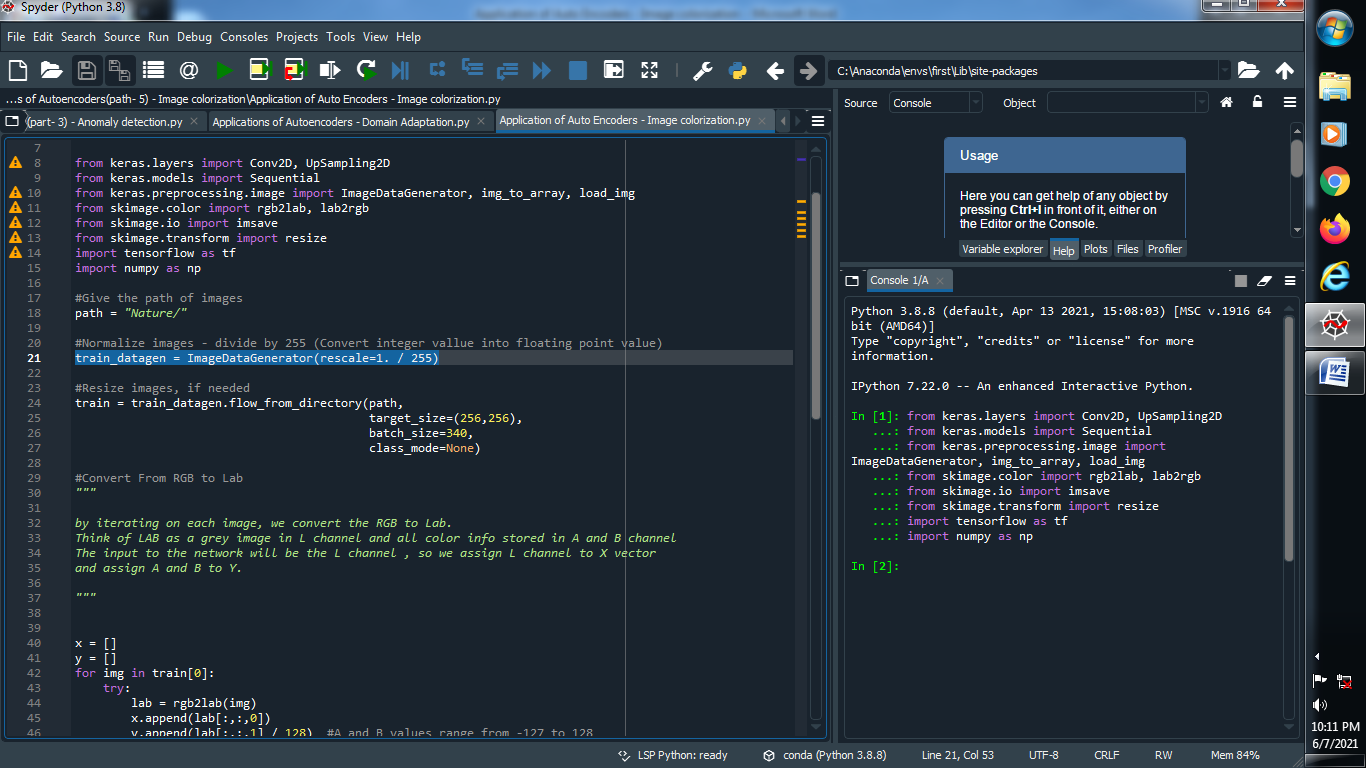
**→ Application of Auto Encoders – Image Colorization**

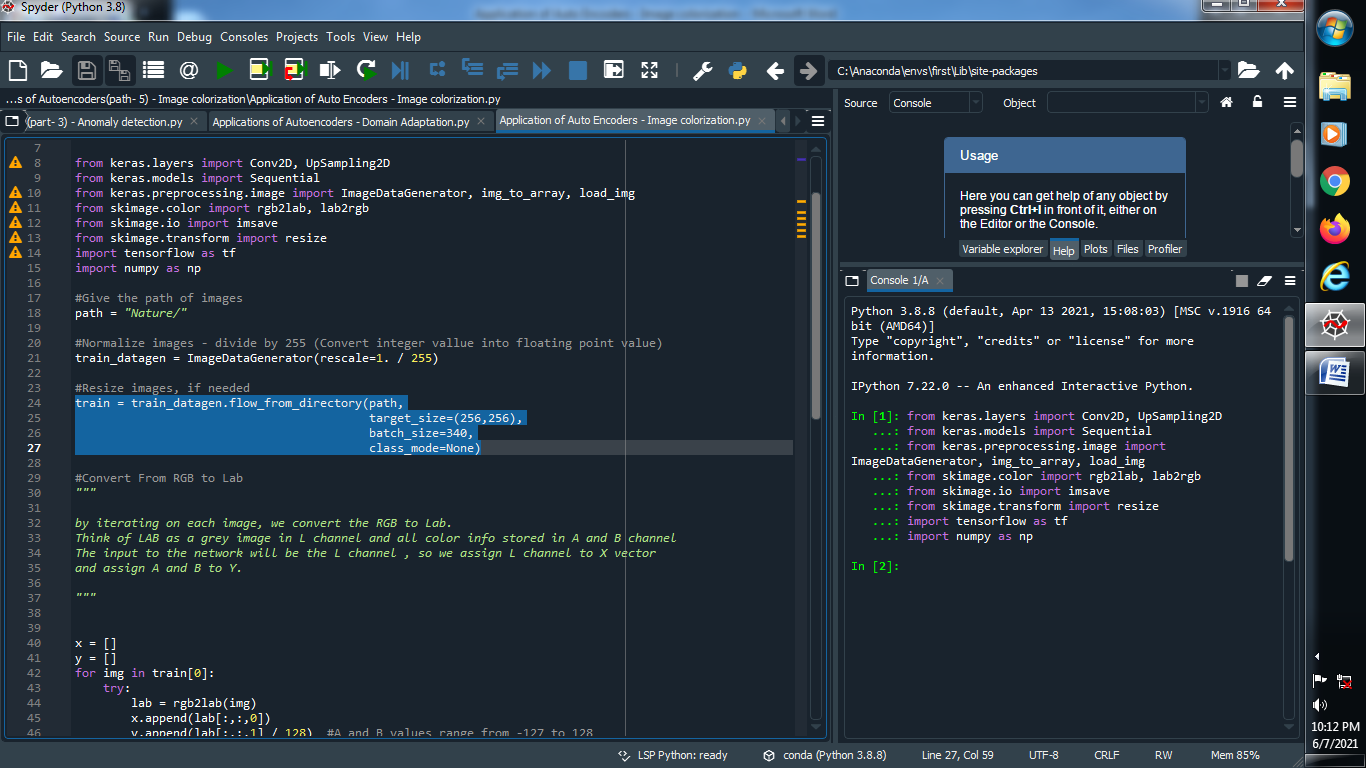
**(1) Import library’s and give the path of images :**

****

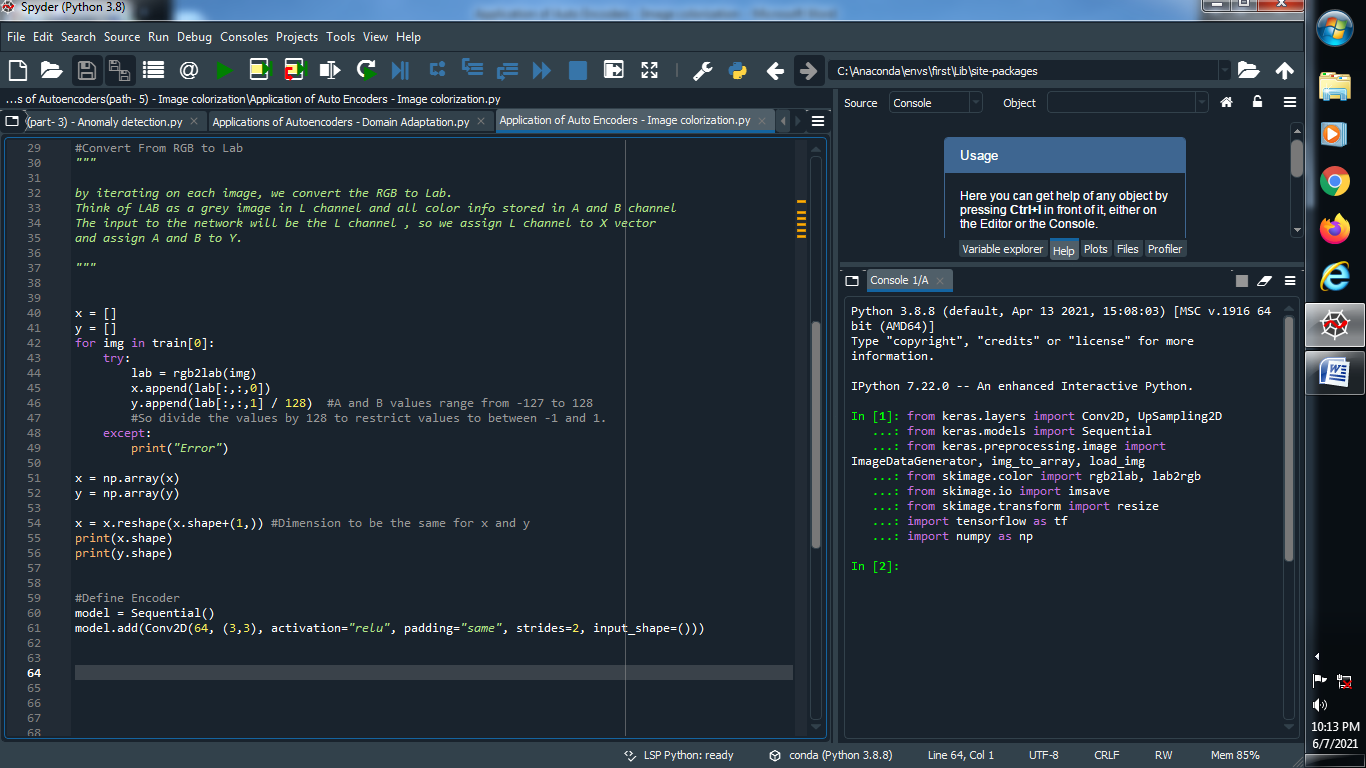
**(2) Normalize images - divide by 255 (Convert integer value into floating point value) :**

****

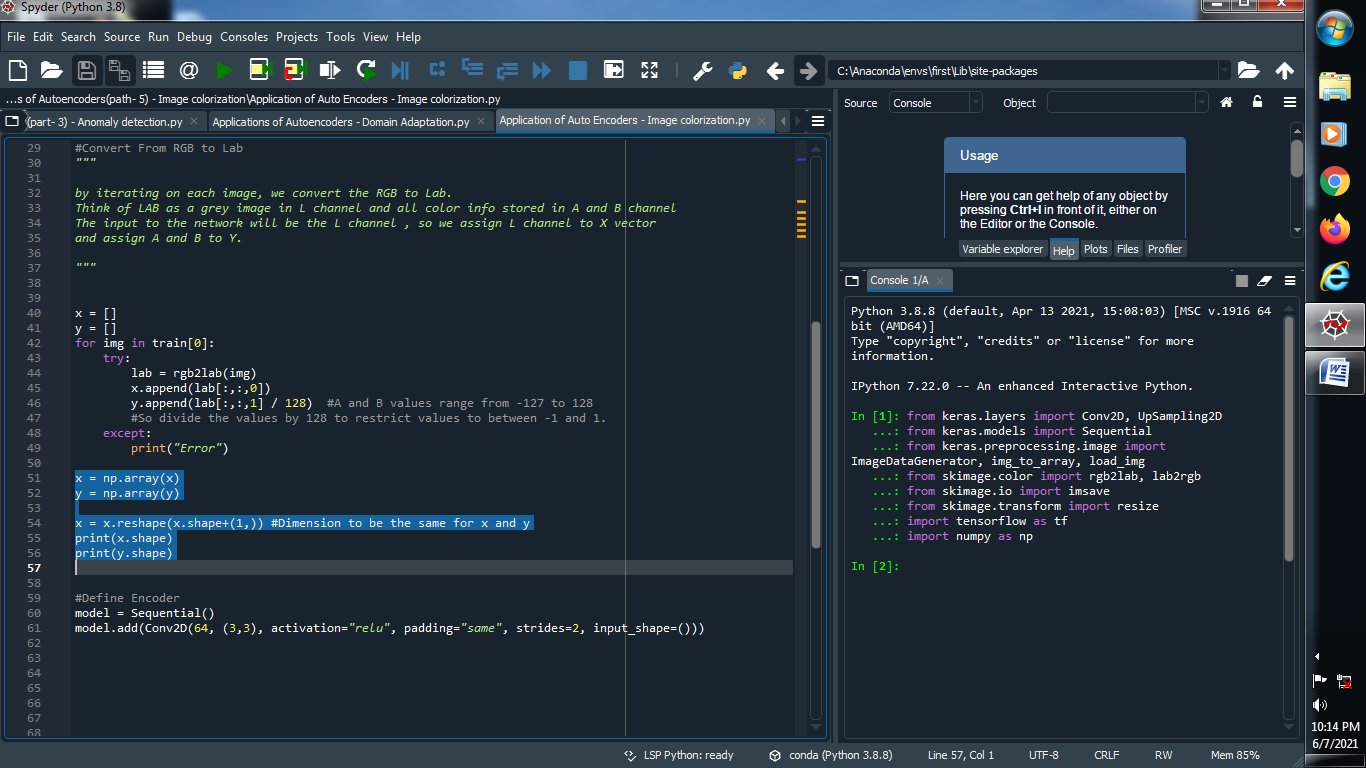
**(3) Resize our images :**

****

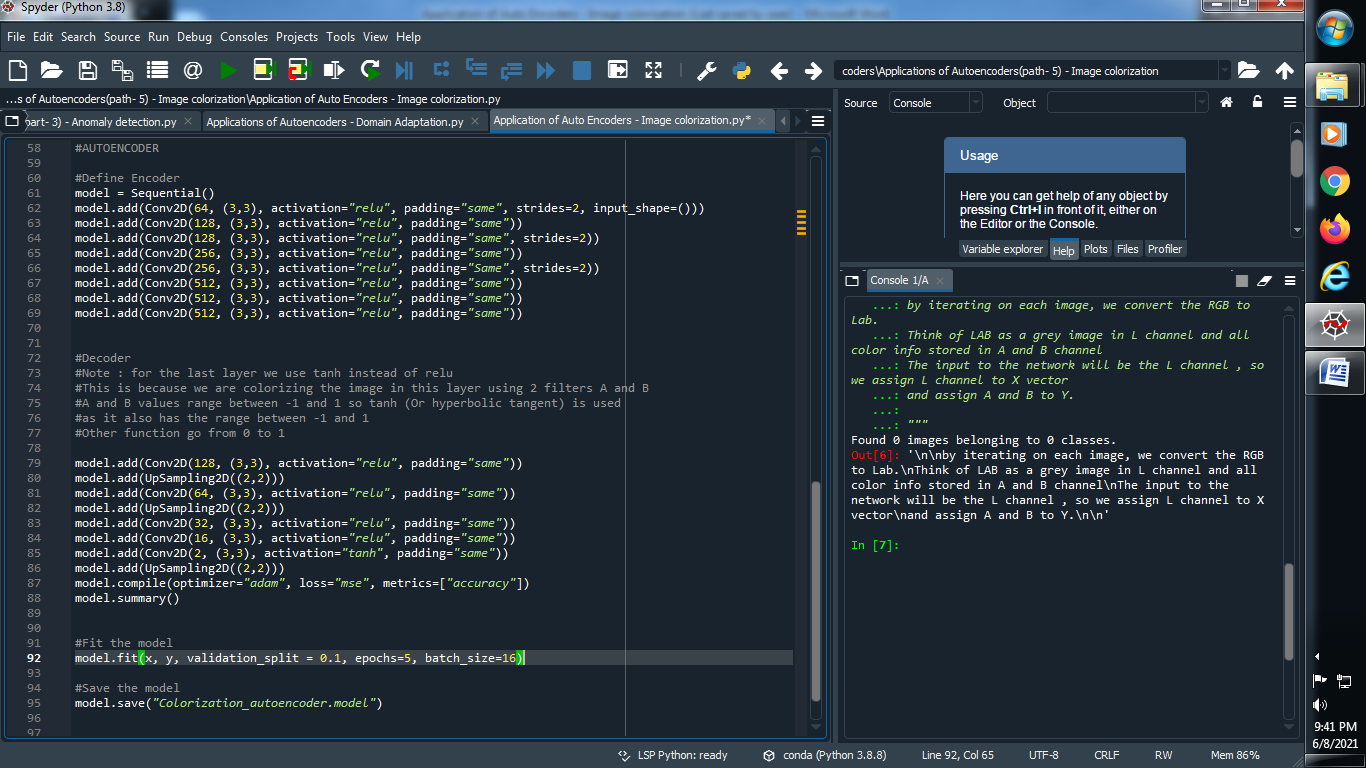
**(4) Convert from RGB to LAB :**

****

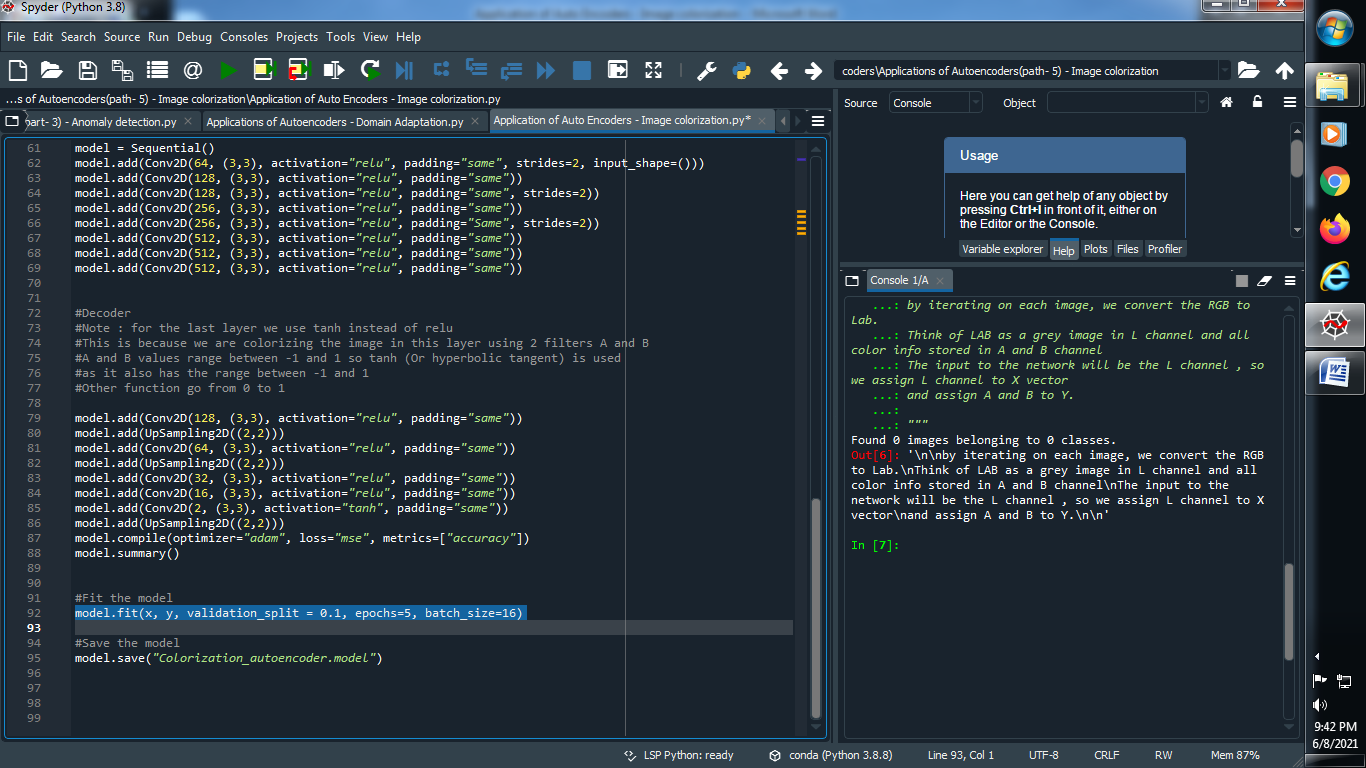
**(5) Create array for x and y and reshape it :**

****

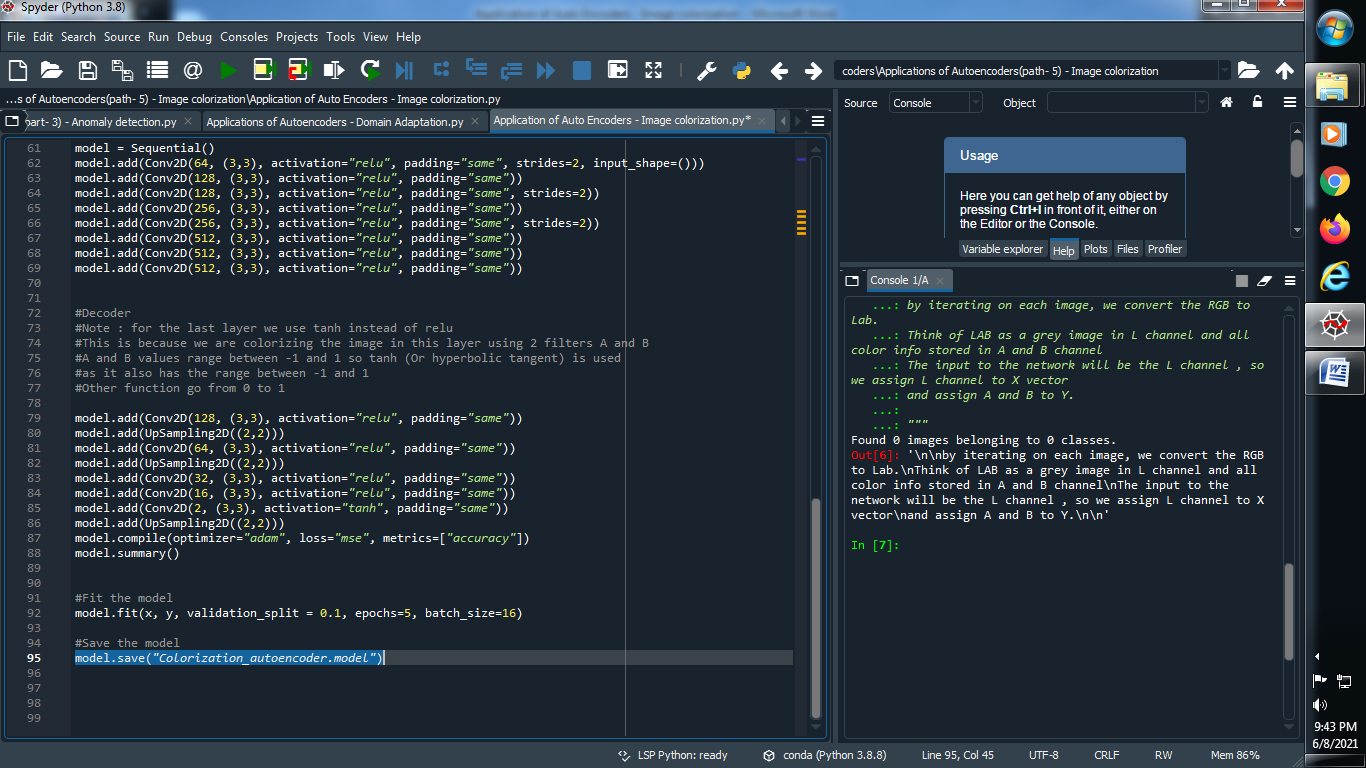
**(6) Define AutoEncoder :**

****

**(7) Fit the model :**

****

**(8) Save the model :**

****