**Exercise 3:**

from PIL import Image

import numpy as np

image = Image.open('C:\Users\pc\OneDrive - Beirut Arab University\Desktop\Images\Football.jpg').convert('L')

data = np.array(image)

image2 = Image.fromarray(data)

display(image2,'Football.jpg')

image2.save('C:\Users\pc\OneDrive - Beirut Arab University\Desktop\Images\Football.jpg')

print('Done')