1. In the next lesson, you will require the following image links in order to test your neural network:

* <https://c8.alamy.com/comp/G667W0/road-sign-speed-limit-30-kmh-zone-passau-bavaria-germany-G667W0.jpg>
* <https://c8.alamy.com/comp/A0RX23/cars-and-automobiles-must-turn-left-ahead-sign-A0RX23.jpg>
* <https://previews.123rf.com/images/bwylezich/bwylezich1608/bwylezich160800375/64914157-german-road-sign-slippery-road.jpg>
* <https://previews.123rf.com/images/pejo/pejo0907/pejo090700003/5155701-german-traffic-sign-no-205-give-way.jpg>
* <https://c8.alamy.com/comp/J2MRAJ/german-road-sign-bicycles-crossing-J2MRAJ.jpg>

2. You will also require the following sample code to fetch images from the web:

1. #fetch image
3. import requests
4. from PIL import Image
5. url = 'https://c8.alamy.com/comp/J2MRAJ/german-road-sign-bicycles-crossing-J2MRAJ.jpg'
6. r = requests.get(url, stream=True)
7. img = Image.open(r.raw)
8. plt.imshow(img, cmap=plt.get\_cmap('gray'))

11. #Preprocess image
13. img = np.asarray(img)
14. img = cv2.resize(img, (32, 32))
15. img = preprocessing(img)
16. plt.imshow(img, cmap = plt.get\_cmap('gray'))
17. print(img.shape)
19. #Reshape reshape
21. img = img.reshape(1, 32, 32, 1)
23. #Test image
24. print("predicted sign: "+ str(model.predict\_classes(img)))