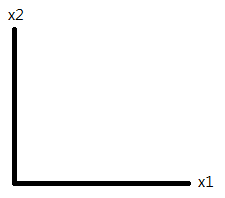
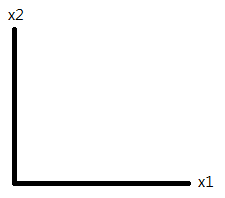
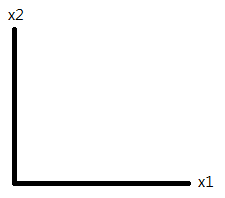
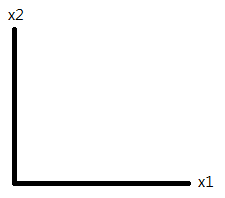
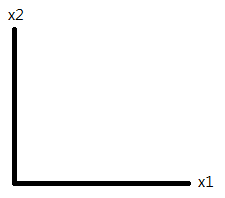
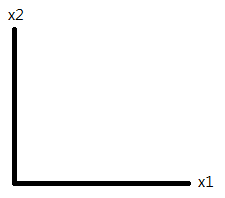
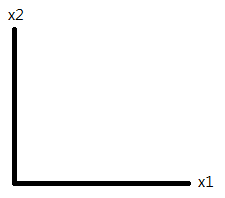
🡺 , , ,

1. Let *x* = [ 1.8, 3.1, 3.6, 4.2, 4.3]. Draw a line plot.
2. Let x1 = [ 1.8, 3.1, 3.6, 4.2, 4.3], x2 = [ 12, 15, 5, 8.7, 6.3 ]. Draw a scatter plot.
3. Let x1 = [ 1.8, 3.1, 3.6, 4.2, 4.3], x2 = [ 12, 15, 5, 8.7, 6.3 ]. *y* = [ 1, 1, 0, 0, 0]. Draw a scatter plot with different colors.



1. Let x1 = [ 1.8, 3.1, 3.6, 4.2, 4.3], x2 = [ 12, 15, 5, 8.7, 6.3 ]. Draw an animated scatter plot. Every loop displays x1[i] and x2[i] at a time.
2. *x* = [[1.8, 3.1, 3.6, 4.2, 4.3], […], […],[…], […], […]]. Draw subplots.

|  |
| --- |
| plt.figure(figsize = ( 18, 9 )) |
| plt.plot(lst)  # lst = [1, 2, …] |
| plt.plot(np, y.np, c='red', label = 'relu')  # np.shape = [5x1]  # y.shape = [5x1] |
| plt.scatter(x.data.numpy(), y.data.numpy(), c='blue')  # x.shape = [5x1]  # y.shape = [5x1] |
| plt.scatter(x.data.numpy()[:,0], x.data.numpy()[:,1])  # x.shape = [5x2] |
| plt.scatter(x.data.numpy()[:,0], x.data.numpy()[:,1], c=y.data.numpy(), s=100, lw=0, cmap='RdYlGn') |
| plt.imshow(imgArray)  # imgArray.shape = [80x80x3] |
| plt.text(0.5, 0.1, 'epoch=%4d' % epoch, fontdict={'size':20, 'color': 'blue'}) |
| plt.xlabel('epoch') |
| plt.ylim((-1, 5)) |
| plt.axis([-5, 5, -5, 5]) |
| plt.legend(loc='best') |
| plt.show() |
| plt.figure(figsize=(18,9))  plt.subplot(3, 2, 1)  plt…  plt.show() |
| fig = plt.figure(figsize=(18, 9))  a=fig.add\_subplot(2,3, 1)  plt…  plt.show() |
| display.clear\_output(wait=True)  …  plt.pause(0.1) |