x = numpy.array( [[ 1, 2, 3, 4],  
[ 5, 6, 7, 8],  
[ 9, 10, 11, 12],  
[13, 14, 15, 16]])

请给出以下运行的结果

1.y = x[:, 2]; print (y)

2.y = x[-1,:2]; print (y)

3. y = x[:, [True, False, False, True]]; print(y)

4.y = x[0:2, 0:2]; print(y)

5.y = x[[0, 1, 2], [0, 1, 2]]; print(y)

6. y = x[0]\*\*2; print(y)

7.y = x.max(axis=1); print(y)

8. y = x[:2, :2]+x[:2,2:]; print(y)

9.y = x[:2, :3].T; print(y)

10.y = x[:2, :3].reshape((3, 2)); print(y)