

File Edit View Insert Cell Kernel Help

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```
print('solution: x = {}'.format(x))
```

```
solution: x = [ 2.  3.]
```

```
In [*]: help(np.linalg)
np.linalg.pinv(A)
```

Please explore the *API* documentation of `numpy.linalg.solve` and `numpy.array`

After that we can proceed onto checking the solution.

Checking the solution

Note that the operator `==` returns an array in numpy.

To check if all values of this array are True we should use `numpy.ndarray.all`

```
In [*]: left_hand_side = np.dot(A, x)

should_be_true = left_hand_side == b

print(type(should_be_true))
print('--'*20)
print(should_be_true)
print('--'*20)
print(should_be_true.all())

assert should_be_true.all() == True #assert?
```