What is *random.see*() function in NumPy?

When we want to print array of random numbers, we use random.randint() function

```
# %%

x = np.random.randint(100, size=(3, 5))
print(x)
```

The output will change every time that run cell

```
In [71]: runcell(18, 'C:/Users/asmaa/pattern/section1.py')
[[31 90 20 37 39]
 [67  4 42 51 38]
 [33 58 67 69 88]]

In [72]: runcell(18, 'C:/Users/asmaa/pattern/section1.py')
[[68 46 70 95 83]
 [31 66 80 52 76]
 [50  4 90 63 79]]

In [73]: runcell(18, 'C:/Users/asmaa/pattern/section1.py')
[[49 39 46  8 50]
 [15  8 17 22 73]
 [57 90 62 83 96]]
```

Seed function is used to stop this change

```
# %%

np.random.seed(2)
x = np.random.randint(100, size=(3, 5))
print(x)
```

Every time you run code, output will not be changed.

```
In [75]: runcell(18, 'C:/Users/asmaa/pattern/section1.py')
[[40 15 72 22 43]
 [82 75  7 34 49]
 [95 75 85 47 63]]

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[[40 15 72 22 43]
 [82 75  7 34 49]
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[[40 15 72 22 43]
 [82 75  7 34 49]
 [95 75 85 47 63]]
```