

```
In [2]: np.random.seed(0)
x1 = np.random.randint(10, size=6)
x2 = np.random.randint(10, size=(3, 4))
x3 = np.random.randint(10, size=(3, 4, 5))
print(x1)
print(x1[0])
print(x1[4])
print(x1[-1])
print(x1[-2])
print(x2)
print(x2[0, 0])
print(x2[2, 0])
print(x2[2, -1])
x2[0, 0] = 12
print(x2)
x1[0] = 3.14159
print(x1)
```

```
[5 0 3 3 7 9]
5
7
9
7
[[3 5 2 4]
 [7 6 8 8]
 [1 6 7 7]]
3
1
7
[[12 5 2 4]
 [ 7 6 8 8]
 [ 1 6 7 7]]
[3 0 3 3 7 9]
```

```
In [1]: import exp 1
```

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In [ ]:
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```
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print(x1)
print(x1[0])
```