

# usare-array

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## 1 Usare array

```
[1]: import numpy as np
import random
```

```
[2]: Vint = np.zeros(10, dtype = int) # array di interi
Vfloat = np.zeros(10, dtype = float) # array di float
```

```
[3]: Vint, Vfloat
```

```
[3]: (array([0, 0, 0, 0, 0, 0, 0, 0, 0, 0]),
array([0., 0., 0., 0., 0., 0., 0., 0., 0., 0.]))
```

```
[4]: prove = 20
for k in range(prove) :
    j = random.randint(0,9)
    i = random.randint(0,9)
    x = random.randint(35,55)
    y = random.random()
    Vint[j] += x
    Vfloat[i] += y
```

```
[5]: Vint, Vfloat
```

```
[5]: (array([ 99,  38,   0,  47, 101, 159,   0, 102, 123, 220]),
array([2.28363041, 0.34280433, 0.15104941, 1.75941733, 0.5056162 ,
2.28981198, 1.35776908, 0.42807952, 0.54580514]))
```