Generate | randomly select 5 items from a list | Close

```
import numpy as np
a= np.array([1,2,3])
b= np.array([4,5,6])
print(a+b)
```

```
[5 7 9]
```

```
import numpy as np
array= np.random.rand(3, 3)
print(array)
```

```
[[0.58282897 0.9960846  0.85373093]
 [0.2975533  0.15125104 0.39001247]
 [0.25011376 0.74278621 0.30904823]]
```

```
import numpy as np
array = np.array([[1, 2], [3, 4]])
b = np.array([[5, 6], [7, 8]])
print(np.dot(array, b))
```

```
[[19 22]
 [43 50]]
```

```
import numpy as np
zeros_matrix=np.zeros((3,3))
updated_matrix=zeros_matrix+10
print(updated_matrix)
```

```
[[10. 10. 10.]
 [10. 10. 10.]
 [10. 10. 10.]]
```

```
import numpy as np
array=np.array([1,2,3,4,5])
cumsum_array = np.cumsum(array)
print(cumsum_array)
```

```
[ 1  3  6 10 15]
```

```
import numpy as np
a=np.array([1,2,3])
b=np.array([[4,5,6],[7,8,9]])
print(a+b)
```

```
[[ 5  7  9]
 [ 8 10 12]]
```

```
import numpy as np
random_int_matrix=np.random.randint(1,100,(4,4))
print(random_int_matrix)
```

```
[[11 49 72  4]
 [89  4 49  9]
 [34 52 40 77]
 [41 57 29 68]]
```

```
import numpy as np
identity_matrix=np.eye(5,5)
print(identity_matrix)
```

```
[[1. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0.]
 [0. 0. 1. 0. 0.]
 [0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 1.]]
```

```
import numpy as np
array=np.array([1,2,3,4,5,6,7,8,9,10])
filtered_array =array
print(filtered_array)
```

```
[ 1  2  3  4  5  6  7  8  9 10]
```

```
import numpy as np
```

```
random_int_matrix=np.random.randint(0,10,(3,3))
print(random_int_matrix)
```

```
[[2 8 4]
 [4 7 0]
 [4 5 2]]
```