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[ ] # np.delete: to delete an element from an array
#Remove a Specific element in a 1D array
import numpy as np
a = np.array([1, 2, 3, 4, 5])
np.delete(a, 0) # delete 1 st element
```

array([2, 3, 4, 5])

```
[ ] import numpy as np
a = np.array([1, 2, 3, 4, 5])
np.delete(a, -1) # delete last element
```

array([1, 2, 3, 4])

```
▶ import numpy as np
a = np.array([1, 2, 3, 4, 5])
np.delete(a, 3) # delete 3rd element
```

⇒ array([1, 2, 3, 5])

```
[84] #Remove Multiple elements in a 1D array
import numpy as np
a = np.array([1, 2, 3, 4, 5])
np.delete(a, [0,1]) # delete 1st and 2nd element
```

array([2, 4, 5])

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[90] np.delete(a, 2, axis=0) # delete element along axis=0
```

array([1, 2, 4, 5])

```
[86] #Remove specific elements from a NumPy 2D array
import numpy as np
arr = np.array([[1, 2, 3, 4],
                [5, 6, 7, 8],
                [9, 10, 11, 12]])
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np.delete(arr, 1) # element 2 deleted
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array([1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12])

```
▶ #Remove Multiple elements in a 2D array
np.delete(arr, [2,5]) # element 3 & 6 deleted
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⇒ array([1, 2, 4, 5, 7, 8, 9, 10, 11, 12])



```
np.delete(arr, [2,2], axis=1) # column deleted
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```
array([[ 1,  2,  4],  
       [ 5,  6,  8],  
       [ 9, 10, 12]])
```

```
[95] np.delete(arr, 1, axis=0) # row deleted
```

```
array([[ 1,  2,  3,  4],  
       [ 9, 10, 11, 12]])
```