

Arrays in python

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Arrays in python

Used to store multiple values in a single variable

Python does not have built-in support for arrays, but Python lists can be used instead

```
#Storing in multiple variable
car1 = "Ford";
car2 = "Volvo";
car3 = "BMW";
#Using Array
cars = ["Ford", "Volvo", "BMW"]
print(car1)
cars
```

Ford

01

Accessing an element

```
x = cars[0]
cars.append("Honda")
print(len(cars))
4 'Honda'
```

02

Removing an element from a position
Modifying an element

```
cars
cars[0] = "Honda"
print(cars[0])
cars.pop(1)
Honda
['Ford', 'BMW']
```

03

Getting the length of an array

```
x = len(cars)
x
```

04

Removing a specific element
Looping an array

```
cars
['Ford', 'Volvo', 'BMW']
```

```
for x in cars:
    print(x)
```

05

Adding an element

```
cars.append("Opel")  
print(len(cars))
```

4

06

Removing an element from a position

```
cars  
['Ford', 'Volvo', 'BMW']  
  
cars.pop(1)  
cars  
['Ford', 'BMW']
```

07

Removing a specific element

```
cars  
['Ford', 'Volvo', 'BMW']
```