

it is used to filter things from array.

`filter(func, array)`

Filter Method

25 November 2024 18:48

The filter() Function in Python

The filter() function constructs an iterator from elements of an iterable for which a function returns true. It is used to filter out items from a list (or any other iterable) based on a condition.

```
## filter with a Lambda Function
numbers=[1,2,3,4,5,6,7,8,9]
greater_than_five=list(filter(lambda x:x>5,numbers))
print(greater_than_five)
```

✓ 0.0s

[6, 7, 8, 9]

← Function with one condition

```
## Filter with a lambda function and multiple conditions
numbers=[1,2,3,4,5,6,7,8,9]
even_and_greater_than_five=list(filter(lambda x:x>5 and x%2==0,numbers))
print(even_and_greater_than_five)
```

✓ 0.0s

[6, 8]

← Function with two condition

```
## Filter() to check if the age is greater than 25 in dictionaries
people=[
    {'name':'Krish','age':32},
    {'name':'Jack','age':33},
    {'name':'John','age':25}
]

def age_greater_than_25(person):
    return person['age']>25

list(filter(age_greater_than_25,people))
```

✓ 0.0s

[{'name': 'Krish', 'age': 32}, {'name': 'Jack', 'age': 33}]



Filter applied on dictionary