

Q.Take Fakestore API and take empty array and push all the products whose category is men's clothing?

Ans:

- First I haven taken products data from fakeStore and assigned the data to a variable called protects (**let products=[{fakestore data},{fakestore data},.....]**).
- Then I have declared an empty array with a variable name called array (**let array=[]**).
- Then i have taken for of loop (**for(i of products){}**) to iterate the data in the products array as shown below.
- In this loop I have printed the products that have the category (**"category": "men's clothing"**) men's clothing.
- Then i pushed these products in to empty array with push method (**array.push(i)**) .
- Then i have logged the empty array (**console.log(array)**) then we get the products only with category of men's clothing.

```
let products=[
  {
    "id": 1,
    "title": "Fjallraven - Foldsack No. 1 Backpack, Fits
15 Laptops",
    "price": 109.95,
    "description": "Your perfect pack for everyday use and
walks in the forest. Stash your laptop (up to 15 inches) in
the padded sleeve, your everyday",
    "category": "men's clothing",
    "image":
"https://fakestoreapi.com/img/81fPKd-2AYL._AC_SL1500_.jpg",
    "rating": {
      "rate": 3.9,
      "count": 120
    }
  },
  {
    "id": 2,
```

```

        "title": "Mens Casual Premium Slim Fit T-Shirts ",
        "price": 22.3,
        "description": "Slim-fitting style, contrast raglan
long sleeve, three-button henley placket, light weight &
soft fabric for breathable and comfortable wearing. And
Solid stitched shirts with round neck made for durability
and a great fit for casual fashion wear and diehard baseball
fans. The Henley style round neckline includes a
three-button placket.",
        "category": "men's clothing",
        "image":
"https://fakestoreapi.com/img/71-3HjGNDUL._AC_SY879._SX._UX.
_SY._UY_.jpg",
        "rating": {
            "rate": 4.1,
            "count": 259
        }
    },{.....}]

let array=[]

for(i of products){

    if(i.category === "men's clothing"){
        array.push(i)
        count++
    }

}

console.log(array); // we get products of only category
                    men's clothing

```

Another Method: (filter method)

- Take a variable as shown below assign filter method filter method to it and return the value and log the variable then we will get the products of only men's clothing in an array

```
// Using Filter Method
let mens=products.filter((val)=>{
  return val.category==="men's clothing"
})
console.log(mens);
```