MAP

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Example:

Logic:

{users: ["john", "peter", "matt"]

map ((value, index) -> index ++ ":" ++ upper(value))}

Output:- {"users": ["0:JOHN","1:PETER","2:MATT"]}

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Example:

logic:- ([9,2,3,4,5] map {'$$':$})

OutPut:- [{"0": 9},{"1": 2},{"2": 3},{"3": 4},{"4": 5}]

Logic:- ([9,2,3,4,5] map {'$$':$}) orderBy $.'$$'

Output:- [{ "1": 2},{"2": 3},{"3": 4},{"4": 5},{"0": 9}]

Doubt:-when we have to use strings '$$'

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Example:

Input:- {

"items": [

{

"Type" : "book",

"label" : "Java Curiosities",

"author" : "Luis Miguel",

"image": "http://www.gravatar.com/avatar/a133c7d8d9245d063b136732272ea77e",

"url": "http://javacuriosities.blogspot.com.ar/"

},

{

"Type" : "CD",

"label" : "No culpes a la noche",

"author" : "Luis Miguel",

"image": "http://www.gravatar.com/avatar/a133c7d8d9245d063b136732272ea77e"

},

{

"Type" : "book",

"label" : "Mule in Action",

"author" : "Victor Romero"

},

{

"Type" : "CD",

"label" : "Yesterday",

"author" : "The Beatles"

}

]

}

Logic:- payload.items map { "$$":{}}

Out: [ { "0": {} **}]**

**Logic-1:-** payload.items map(value)->{ id:value.Type}

**Output:-** [{"id": "book"},{"id": "CD"},{"id": "book"},{"id": "CD"}]

Logic-2:- payload.items map(value,index)->{ sNo:index,

id:value.Type}

OutPut:- [ {"sNo": 0,"id": "book"},{"sNo": 1,"id": "CD"},{"sNo": 2,"id": book" {"sNo": 3,"id": "CD"}]

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Example:

Input:- [

{

"book":"book1",

"user":[{"name1":"book1-name1"},{"name2":"book1-name2"}, {"name3":"book1-name3"}, {"name4":"book1-name4"}]

},

{

"book":"book2",

"user":[{"name1":"book2-name1"},{"name2":"book2-name2"},{"name3":"book2-name3"},{"name4":"book2-name4"}]}

]

Logic:- payload map ((item, index) -> {

BookName:item.book,

user:item.user map {

Name:$.name1

}})

OutPut:-

[{

"BookName": "book1",

"user": [ { "Name": "book1-name1" },

{"Name": "book1-name2"},

{"Name": "book1-name3"},

{"Name": "book1-name4"}]},

{

"BookName": "book2",

"user": [{"Name": "book2-name1"},

{"Name": "book2-name2” },

{"Name": "book2-name3" },

{"Name": "book2-name4" }]

}]

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Example:-

Logic:- var invoices = [ {"invoiceId": 1,"amount": 100 }, {"invoiceId": 2,"amount": 200 }, {"invoiceId": 3, "amount": 300 }]

var allocations = [ { "allocationId":1,"invoiceId":1,"allocationAmount": 50 },

{"allocationId":2,"invoiceId":1,"allocationAmount": 50 },

{"allocationId":3, "invoiceId":2, "allocationAmount": 100 },

{"allocationId":4, "invoiceId":2, "allocationAmount": 100 },

{"allocationId":5, "invoiceId": 3,"allocationAmount": 150 },

{"allocationId": 6, "invoiceId":3, "allocationAmount": 150 }]

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invoices map ((item, index) -> {Invoice:item.invoiceId,

amount:item.amount,

allocations:allocations filter ((item1, index1) ->item.invoiceId == item1.invoiceId ) })

OutPut:- [

{

"Invoice": 1,

"amount": 100,

"allocations": [

{"allocationId": 1, "invoiceId": 1, "allocationAmount": 50},

{"allocationId": 2,"invoiceId": 1, "allocationAmount": 50} ]},

{

"Invoice": 2,

"amount": 200,

"allocations": [ {"allocationId": 3,"invoiceId": 2,"allocationAmount": 100},

{"allocationId": 4,"invoiceId": 2, "allocationAmount": 100 }]},

{

"Invoice": 3,

"amount": 300,

"allocations": [ { "allocationId": 5,"invoiceId": 3, "allocationAmount": 150 },

{"allocationId": 6, "invoiceId": 3, "allocationAmount": 150} ] }]