**Task:**

Write a function(flattenObject) which transform JS Object structure.

All nested keys will form one array element.

For object *{“employee”: { “name”: {“first”: “A”, “last”: “B”} }, “age”: 30, knownLanguages: [“Telugu”, “English”]}*

The ending keys in the object are *first*, *last*, *age*, *knownLanguages* => which means the output should have an array with four elements each one having key and value pairs.

key should have the object nested path (as array). For **first** the nested path is ***[employee,name,first]*** and value as **“A”** and for **last** nested path is ***[employee,name,last]*** and value as **“B”.**

See the following example inputs and their respective expected output

**Example:**

*flattenObject({*

*"id": "0001",*

*"type": "donut",*

*"name": "Cake",*

*"ppu": 0.55,*

*"batters":*

*{*

*"batter":*

*[*

*{ "id": "1001", "type": "Regular" },*

*{ "id": "1002", "type": "Chocolate" },*

*{ "id": "1003", "type": "Blueberry" },*

*{ "id": "1004", "type": "Devil's Food" }*

*]*

*},*

*"topping":*

*[*

*{ "id": "5001", "type": "None" },*

*{ "id": "5002", "type": "Glazed" },*

*{ "id": "5005", "type": "Sugar" },*

*{ "id": "5007", "type": "Powdered Sugar" },*

*{ "id": "5006", "type": "Chocolate with Sprinkles" },*

*{ "id": "5003", "type": "Chocolate" },*

*{ "id": "5004", "type": "Maple" }*

*]*

*})*

**Output:**

*[{"key":["id"],"value":"0001"},{"key":["type"],"value":"donut"},{"key":["name"],"value":"Cake"},{"key":["ppu"],"value":0.55},{"key":["batters","batter"],"value":[{"id":"1001","type":"Regular"},{"id":"1002","type":"Chocolate"},{"id":"1003","type":"Blueberry"},{"id":"1004","type":"Devil's Food"}]},{"key":["topping"],"value":[{"id":"5001","type":"None"},{"id":"5002","type":"Glazed"},{"id":"5005","type":"Sugar"},{"id":"5007","type":"Powdered Sugar"},{"id":"5006","type":"Chocolate with Sprinkles"},{"id":"5003","type":"Chocolate"},{"id":"5004","type":"Maple"}]}]*

Sample Input2:

{

"employee": {

"name": {

"firstName": "nara",

"lastName": "simha"

},

"address": [

{

"street": "a",

"city": "b",

"state": "c"

},

{

"street": "a1",

"city": "b1",

"state": "c1"

}

]

}

}

Output:

[

{

"key": [

"employee",

"name",

"firstName"

],

"value": "nara"

},

{

"key": [

"employee",

"name",

"lastName"

],

"value": "simha"

},

{

"key": [

"employee",

"address"

],

"value": [

{

"street": "a",

"city": "b",

"state": "c"

},

{

"street": "a1",

"city": "b1",

"state": "c1"

}

]

}

]