**Task 1:** Write a logic that will create a new object named **matchedMarkets** and will have only values from the original **markets** object which have their key presented in **marketCategories** rules key.

Example: **1\_2\_7** is there because it’s key is presented within the rules described in **marketCategories**

Expected output result:

{

"**1\_2\_7**": {"info": {.....} .....},

......

}

*\* The new object should have exactly the same structure as the original* ***markets*** *object*

**Task 2:** Apply sorting to all entries to the newly created***matchedMarkets*** by their **info.order** value

**Expected output result**

{

"1\_2\_1": {

"info": {

......

"order": 1001001000,

......

},

"data": { ......}

},

"1\_2\_3": {

"info": {

......

"order": 1001003000,

......

},

"data": { ......}

}

......

}

Try to solve the tasks using **Object.entries(),** **Array.filter(),** **Array.sort(),** **Array.reduce()**

**WITHOUT** using any external library such as underscore or lodash

For **Task 1** and **Task 2** use the following data:

const **marketCategories** = {"id":"21","title":"Main","rules":[{"key":"1\_2\_1","order":1},{"key":"1\_2\_2","order":2},{"key":"1\_2\_3","order":3},{"key":"**1\_2\_7**","order":4},{"key":"1\_2\_8","order":5},{"key":"1\_2\_9","order":6},{"key":"1\_2\_12","order":7},{"key":"1\_2\_13","order":8},{"key":"1\_2\_14","order":9},{"key":"1\_2\_15","order":10},{"key":"1\_2\_18","order":11},{"key":"1\_2\_29","order":12},{"key":"1\_2\_30","order":13},{"key":"1\_2\_31","order":14}],"order":"48"};

const **markets** = {"**1\_2\_7**":{"info":{"market\_key":"correct\_score","market\_type\_id":"7","line\_entity\_id":"1","game\_period\_id":"2","order":1001011000,"title":"Correct Score - Full Time"},"data":{"21080636":{"info":{"order":1,"spread":0},"data":{}}}},"1\_2\_9":{"info":{"market\_key":"double\_chance","market\_type\_id":"9","line\_entity\_id":"1","game\_period\_id":"2","order":1001009000,"title":"Double Chance - Full Time"},"data":{"21080638":{"info":{"order":1,"spread":0},"data":{}}}},"1\_2\_60":{"info":{"market\_key":"home\_team\_score","market\_type\_id":"60","line\_entity\_id":"1","game\_period\_id":"2","order":1001053000,"title":"Home Team Score - Full Time"},"data":{"21202289":{"info":{"order":1,"spread":0},"data":{}}}},"1\_2\_61":{"info":{"market\_key":"away\_team\_score","market\_type\_id":"61","line\_entity\_id":"1","game\_period\_id":"2","order":1001052000,"title":"Away Team Score - Full Time"},"data":{"21202290":{"info":{"order":1,"spread":0},"data":{}}}},"1\_2\_78":{"info":{"market\_key":"x12\_rest","market\_type\_id":"78","line\_entity\_id":"1","game\_period\_id":"2","order":1001079000,"title":"X12 Rest Of Match - Full Time"},"data":{"21679989":{"info":{"order":1,"spread":0},"data":{}}}},"1\_2\_1":{"info":{"market\_key":"x12","market\_type\_id":"1","line\_entity\_id":"1","game\_period\_id":"2","order":1001001000,"title":"1x2 - Full Time"},"data":{"21065478":{"info":{"order":1,"spread":0},"data":{}}}},"1\_2\_11":{"info":{"market\_key":"draw\_no\_bet","market\_type\_id":"11","line\_entity\_id":"1","game\_period\_id":"2","order":1001012000,"title":"Draw no bet - Full Time"},"data":{"21080640":{"info":{"order":1,"spread":0},"data":{}}}},"1\_2\_14":{"info":{"market\_key":"three\_way\_handicap","market\_type\_id":"14","line\_entity\_id":"1","game\_period\_id":"2","order":1001015000,"title":"3 Way handicap - Full Time"},"data":{"21080646":{"info":{"order":2,"spread":1},"data":{}},"21080647":{"info":{"order":4,"spread":-1},"data":{}}}},"1\_2\_37":{"info":{"market\_key":"htt","market\_type\_id":"37","line\_entity\_id":"1","game\_period\_id":"2","order":1001006000,"title":"Home Team Total - Full Time"},"data":{"21080657":{"info":{"order":1,"spread":1.5},"data":{}},"21080658":{"info":{"order":2,"spread":2.5},"data":{}}}},"1\_2\_38":{"info":{"market\_key":"att","market\_type\_id":"38","line\_entity\_id":"1","game\_period\_id":"2","order":1001005000,"title":"Away Team Total - Full Time"},"data":{"21080662":{"info":{"order":1,"spread":1.5},"data":{}},"21080663":{"info":{"order":2,"spread":2.5},"data":{}}}},"1\_3\_13":{"info":{"market\_key":"both\_to\_score","market\_type\_id":"13","line\_entity\_id":"1","game\_period\_id":"3","order":3001014000,"title":"Both to score - Second Half"},"data":{"21202229":{"info":{"order":1,"spread":0},"data":{}}}},"1\_2\_39":{"info":{"market\_key":"euro\_over\_under","market\_type\_id":"39","line\_entity\_id":"1","game\_period\_id":"2","order":1001040000,"title":"Euro Over/Under - Full Time"},"data":{"21202368":{"info":{"order":1,"spread":2.5},"data":{}},"21202370":{"info":{"order":2,"spread":3.5},"data":{}},"21202372":{"info":{"order":3,"spread":4.5},"data":{}}}},"1\_3\_1":{"info":{"market\_key":"x12","market\_type\_id":"1","line\_entity\_id":"1","game\_period\_id":"3","order":3001001000,"title":"2nd Half Winner"},"data":{"21202464":{"info":{"order":1,"spread":0},"data":{}}}},"53\_2\_37":{"info":{"market\_key":"htt","market\_type\_id":"37","line\_entity\_id":"53","game\_period\_id":"2","order":1011006000,"title":"Home Team Total - Yellow Cards - Full Time","market\_score\_home":"1","market\_score\_away":"3"},"data":{"21680526":{"info":{"order":1,"spread":1.5},"data":{}}}},"53\_2\_38":{"info":{"market\_key":"att","market\_type\_id":"38","line\_entity\_id":"53","game\_period\_id":"2","order":1011005000,"title":"Away Team Total - Yellow Cards - Full Time","market\_score\_home":"1","market\_score\_away":"3"},"data":{"21680531":{"info":{"order":1,"spread":3.5},"data":{}}}},"12\_2\_37":{"info":{"market\_key":"htt","market\_type\_id":"37","line\_entity\_id":"12","game\_period\_id":"2","order":1015006000,"title":"Home Team Total - Fouls - Full Time","market\_score\_home":"6","market\_score\_away":"10"},"data":{"21684691":{"info":{"order":1,"spread":8.5},"data":{}}}},"1\_2\_40":{"info":{"market\_key":"next","market\_type\_id":"40","line\_entity\_id":"1","game\_period\_id":"2","order":1001043000,"title":"Next Goal - Full Time"},"data":{"21688153":{"info":{"order":1,"spread":3},"data":{}}}},"1\_2\_2":{"info":{"market\_key":"handicap","market\_type\_id":"2","line\_entity\_id":"1","game\_period\_id":"2","order":1001004000,"title":"Handicap - Full Time"},"data":{"21080591":{"info":{"order":5,"spread":-0.5},"data":{}},"21080592":{"info":{"order":3,"spread":-0.25},"data":{}},"21080593":{"info":{"order":1,"spread":0},"data":{}},"21080594":{"info":{"order":2,"spread":0.25},"data":{}},"21080595":{"info":{"order":4,"spread":0.5},"data":{}}}},"1\_2\_3":{"info":{"market\_key":"over\_under","market\_type\_id":"3","line\_entity\_id":"1","game\_period\_id":"2","order":1001003000,"title":"O/U Goals - Full Time"},"data":{"21080606":{"info":{"order":1,"spread":2.5},"data":{}},"21080607":{"info":{"order":2,"spread":2.75},"data":{}},"21082884":{"info":{"order":3,"spread":3},"data":{}}}},"1\_2\_4":{"info":{"market\_key":"odd\_even","market\_type\_id":"4","line\_entity\_id":"1","game\_period\_id":"2","order":1001016000,"title":"Odd Even - Full Time"},"data":{"21080632":{"info":{"order":1,"spread":0},"data":{}}}},"12\_2\_3":{"info":{"market\_key":"over\_under","market\_type\_id":"3","line\_entity\_id":"12","game\_period\_id":"2","order":1015003000,"title":"Over/Under - 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