given Json - Check if valid

>> return filter value

Duery Modeler stuniture: Object for query?

La id, datuset. Keys ()

Le where -> Parse into sals items

-> helpers EBNF

La option: column 5 (must)

```
QUERY ::='{' BODY ', ' OPTIONS '}'
 // Note: a BODY with no FILTER (i.e. WHERE:{}) matches all entries.
BODY ::= 'WHERE:{' FILTER? '}'
FILTER ::= LOGICCOMPARISON | MCOMPARISON | SCOMPARISON | NEGATION
LOGICCOMPARISON ::= LOGIC ':[' FILTER_LIST ']'
MCOMPARISON ::= MCOMPARATOR ':{' mkey ':' number '}'
SCOMPARISON ::= 'IS:{' skey ': "' [*]? inputstring [*]? '" }' // Asterisks at the beginning or end of the inputstring should
act as wildcards.
NEGATION ::= 'NOT :{' FILTER '}'
FILTER_LIST ::= '{' FILTER '}' | '{' FILTER '}, ' FILTER_LIST // comma separated list of filters containing at least one filter
LOGIC ::= 'AND' | 'OR'
MCOMPARATOR ::= 'LT' | 'GT' | 'EQ'
OPTIONS ::= 'OPTIONS:{' COLUMNS '}' | 'OPTIONS:{' COLUMNS ', ORDER:' key '}'
COLUMNS ::= 'COLUMNS:[' KEY_LIST ']'
KEY_LIST ::= key | key ', ' KEY_LIST // comma separated list of keys containing at least one key
key ::= mkey | skey
mkey ::= '"' idstring '_' mfield '"'
skey ::= '"' idstring '_' sfield '"'
mfield ::= 'avg' | 'pass' | 'fail' | 'audit' | 'year'
sfield ::= 'dept' | 'id' | 'instructor' | 'title' | 'uuid'
idstring ::= [^_]+ // One or more of any character, except underscore.
inputstring ::= [^*]* // Zero or more of any character, except asterisk.
```

Overy Engle
Things to keep in mind:

```
1. NoT! or/And Ywore of Mc [ check if look if look if I field is not int x ] & [ wkey not in list x]

NoT;

       Realissive?
```

check in want if length >1, throw

assign value to the 1st encountered id, compare, if +, throw

Shoutlens:

1. check if Columnes . length < | x

2. check if Columnes. Value not in list of mkey/skey. 3. check if order exist if the: key in order must exist