

Using for and do-while and while loop iterating array

task:

```
var aos = ["mom", "js", "malayalam", "html", "css", "dad"];
```

```
// op=["mom","dad","malayalam"]
```

using for/while and do-while loop

using for loop:

```
var aos = ["mom", "js", "malayalam", "html", "css", "dad"]
arr=[]
for(i=0;i<aos.length;i++){
    // console.log(aos[i])
    a=""
    for(j=aos[i].length-1;j>=0;j--){
        //console.log(aos[i][j])
        a=a+aos[i][j]
        if(aos[i]==a) {
            arr.push(a)
        }
    }
}
console.log(arr)
```

Output:

```
PS D:\10k\HTML\js> node loop.js
[ 'mom', 'malayalam', 'dad' ]
PS D:\10k\HTML\js> 
```

Using while loop:

```
var aos = ["mom", "js", "malayalam", "html", "css", "dad"];
var arr = [];
var i = 0;

while (i < aos.length) {
    var a = "";
    var j = aos[i].length - 1;

    while (j >= 0) {
        a = a + aos[i][j];
        j--;
    }

    if (aos[i] === a) {
        arr.push(a);
    }
    i++;
}
console.log(arr);
```

Output:

```
PS D:\10k\HTML\js> node loop.js
[ 'mom', 'malayalam', 'dad' ]
PS D:\10k\HTML\js>
```