

JAVASCRIPT DAY11

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

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

using for/while and do-while loop

```
let arr = ["mom", "js", "malayalam", "html", "css", "dad"];
```

```
let a = [];
```

```
let i= 0;
```

```
while (i < arr.length) {
```

```
    let word = arr[i];
```

```
    if (word === word.split("").reverse().join("")) {
```

```
        a.push(word);
```

```
    }
```

```
    i++;
```

```
}
```

```
console.log(a); // Output: ["mom", "malayalam", "dad"]
```

//using do while loop

```
let arr1= ["mom", "js", "malayalam", "html", "css", "dad"];
```

```
let b= [];
```

```
let j= 0;
```

```
do {
```

```
    let word = arr1[j];
```

```
    if (word === word.split("").reverse().join("")) {
```

```
        b.push(word);
```

```
    }
```

```
    j++;
```

```
} while (j < arr1.length);
```

```
console.log(b);
```

OUTPUT:

```
[ 'mom', 'malayalam', 'dad' ]
```

```
[ 'mom', 'malayalam', 'dad' ]
```