Challenge: Filter Even and Odd Numbers

This lesson brings you a challenge to solve.

WE'LL COVER THE FOLLOWING

Problem statement

Rework the example from the previous lesson so that you only need the `isEven` function and the `filter` function that returns the even and odd slices together.

Input

A single slice of integers.

Output

Two slices of integers: one having only *odd* numbers and second having only *even* numbers

Sample input

```
{1,2,3,4,5,7}
```

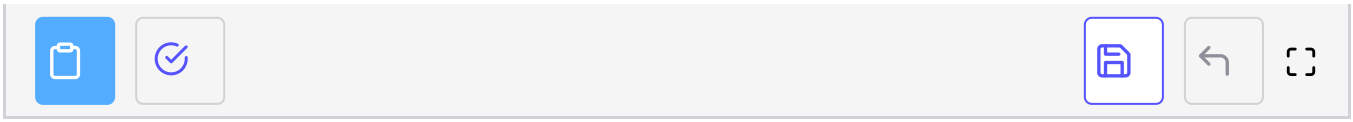
Sample output

```
[1,3,5,7] // odd integers
```

```
[2,4]    // even integers
```

Try to implement the function below. Feel free to view the solution, after giving some shots. Good Luck!

```
package main
import "fmt"
import "strconv"
import "encoding/json"

type flt func(int) bool // aliasing type


func isEven(n int) bool { // check if n is even or not

    return true
}

func filter(sl[] int, f flt)(yes, no[] int) { // split s into two slices: even and odd

    return
}
```



Filter Even and Odd

We hope that you were able to solve the challenge. The next lesson brings you the solution to this challenge.