

# Challenge: Implement Miner Interface

This lesson brings you a challenge to solve.

## WE'LL COVER THE FOLLOWING ^

- Problem statement

## Problem statement #

Analogous to the [Sorter interface](#), we developed previously, make a `Miner` interface with the necessary operations and a function `Min`, which has as a parameter a variable which is a collection of type `Miner` and which calculates and returns the minimum element in that collection.

Try to solve the challenge below. Good Luck!

### Environment Variables ^

Key:	Value:
GOROOT	/usr/local/go
GOPATH	//root/usr/local/go/src
PATH	//root/usr/local/go/src/bin:/usr/local/go...

```
package min

type Miner interface {
    Len() int
    ElemIx(ix int) interface{}
    Less(i, j int) bool
}

func Min(data Miner) interface{} {

}

type IntArray []int
func (p IntArray) Len() int {}
func (p IntArray) ElemIx(ix int) interface{} {}
func (p IntArray) Less(i, j int) bool {}
```

```
type StringArray []string
func (p StringArray) Len() int      {}

func (p StringArray) ElemIx(ix int) interface{} {}
func (p StringArray) Less(i, j int) bool      {}
```

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