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Indexers

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What is Indexer

- Indexers look similar to properties; contain set and get methods.
- Indexer makes it to access the "array field", without writing the array name and by passing the element's index directly.
- It sets / gets value from the array; can perform validations on array elements.
- Indexer's name must be "this".
- You can create multiple indexers in the same class (Indexer Overloading), by writing different parameters.

Indexer

```
public   DataType  this[int index]
{
    set
    {
        array[index] = value;
    }
    get
    {
        return  array[index];
    }
}
```