

## Examples of functions in Soy ...

```
-----  
`*/=====\  
| Any number divisible by 3? Fizz.      |  
| Any number divisible by 5? Buzz.     |  
| If a number is divisible by 3 and 5, FizzBuzz. |  
| Else? Return the number.            |  
\=====/*`  
let FizzBuzz : `string <- (n : `int) =  
  "Fizz" if n % 3 else "" =+  
  "Buzz" if n % 5 else ""  
  .. if not `empty else n;
```

```
`` A function that finds the minimum value in a collection of numbers.  
``
```

```
let Min : `number <- (c : `collection) =  
{  
  let val := c_0;  
  for every e in c[1:] do  
    val = e if < val;  
  <<< val;  
}
```

```
`` A function that finds the maximum value in a collection of numbers.  
``
```

```
let Max : `number <- (c : `collection) =  
{  
  let val := c_0;  
  for every e in c[1:] do  
    val = e if > val;  
  <<< val;  
}
```

```
`#Min `` A function that finds the minimum value in a collection of numbers.  
`#Max `` A function that finds the maximum value in a collection of numbers.  
``
```

```
let Min & Max : `number <- (c : `collection) =  
{  
  let val := c_0;  
  for every e in c[1:] do  
    `#Min : val = e if < val;  
    `#Max : val = e if > val;  
  <<< val;  
}
```