0.0.1 Remove

The inverse of the append Operations.

```
remove(coll, idx) = ^{\sim} append(coll, idx)
```

The operation remove will return a Collection minus the Value removed from the specified Numeric Index

such that

```
\begin{split} X &= \langle x_0, x_1, x_2 \rangle \\ x_0 &= 0 \\ x_1 &= foo \\ x_2 &= baz \\ remove(X, 0) &= \langle foo, baz \rangle \\ remove(X, 1) &= \langle 0, baz \rangle \\ remove(X, 2) &= \langle 0, foo \rangle \\ remove(X, 3) &= \langle 0, foo, baz \rangle = X \end{split} \qquad \begin{array}{l} \text{[foo was removed from $X$]} \\ \text{[baz was removed from $X$]} \\ \text{[nothing at 3, X unaltered]} \end{split}
```