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2)

```
iSort( [4, 1, 3, 2] )    =    i( 4, iSort( [1, 3, 2] ) )
                        =    i( 4, i( 1, iSort( [3,2] ) ) )
                        =    i( 4, i( 1, i( 3, iSort( [2] ) ) ) )
                        =    i( 4, i( 1, i( 3, i( 2, iSort( [] ) ) ) ) )
                        =    i( 4, i( 1, i( 3, i( 2, [] ) ) ) )
                        =    i( 4, i( 1, i( 3, [2] ) ) )
                        =    i( 4, i( 1, 2 :: i( 3, [] ) ) )
                        =    i( 4, i( 1, 2 :: [3] ) )
                        =    i( 4, i( 1, [2, 3] ) )
                        =    i( 4, [1, 2, 3] )
                        =    1 :: i( 4, [2, 3] )
                        =    1 :: 2 :: i( 4, [3] )
                        =    1 :: 2 :: 3 :: i( 4, [] )
                        =    1 :: 2 :: 3 :: [4]
                        =    [1, 2, 3, 4]
```

3)

```
toNum( [] )              =    0
toNum( d :: ds )         =    toNum( ds ) + d × mult( ds )
```

```
mult( [] )               =    1
mult( d :: ds )          =    10 × mult( ds )
```

4)

```
sSort( [] )              =    []
sSort( d :: ds )         =    findSmallest( d, d :: ds ) :: sSort( remove( findSmallest( d, d :: ds ), d :: ds ) )
```

```
findSmallest( smallest, [] )          =    smallest
findSmallest( smallest, d :: ds )     =    findSmallest( smallest, ds )    smallest ≤ d
                                         findSmallest( d, ds )           smallest > d
```

```
remove( number, [] )          =    []
remove( number, d :: ds )     =    d :: remove( number, ds )    d ≠ number
                               =    remove( number, ds )         d = number
```