
Algorithm 3.1.16 Find the smallest number from a finite sequence of natural numbers.

```
1: procedure MIN( $a_1, a_2, \dots, a_n$ : finite sequence of natural numbers)
2:    $minimum \leftarrow a_1$ 
3:   for  $i = 2$  to  $n$  do
4:     if  $a_i < minimum$  then
5:        $minimum \leftarrow a_i$ 
6:     end if
7:   end for
8:   return  $minimum$ 
9: end procedure
```
