2.2 - 2

pezy

$May\ 13,\ 2015$

```
\begin{array}{lll} \text{SELECTION-SORT}(A) \\ 1 & \textbf{for } j = 1 \textbf{ to } A. \, length - 1 \\ 2 & min = j \\ 3 & \textbf{for } i = j + 1 \textbf{ to } A. \, length \\ 4 & \textbf{ if } A[i] < A[min] \\ 5 & min = i \\ 6 & \text{swap}(A[min], A[j]) \\ 7 & \textbf{return } A \end{array}
```