do  a > b  \rightarrow \text{swap} (a, b);
[]  b > c  \rightarrow \text{swap} (b, c);
[]  c > d  \rightarrow \text{swap} (c, d);
\text{Od}

Proof: when the loop terminates (by the semantics of the loop), all the conditions must be false.

Hence\quad a \leq b \leq c \leq d;

QED