The description of a switch statement in the first edition of Tucker and Noonan is plain wrong, but very instructive. Their grammar is

\[
\begin{align*}
SwitchStatement & \rightarrow \text{switch ( Expression )} \{ \text{Cases} \} \\
Cases & \rightarrow \text{Case Cases} \mid \text{Default} \\
Case & \rightarrow \text{CaseHead Case} \mid \text{CaseHead Statement} \\
CaseHead & \rightarrow \text{case Literal} : \\
Default & \rightarrow \text{default : Statement}
\end{align*}
\]

For semantics, they suggest an equivalence between switches and a series of ifs, that is

```
switch (e) {
    case v1 : s1
    case v2: s2
    ...
    case vn: sn
    default: sn+1
}
```

is equivalent to

```
if (e == v1) s1
else if (e==v2) s2
...
else if (e==vn) sn
else sn+1
```

How many errors can you find in this?