Quiz over the LaTeX chapter

Your name:

LaTeX is to TeX as C is to assembly language. Do you agree? Give some justification for your answer.

What was the input for this display formula?

$$
\left\{
\begin{array}{r}
a_1 = \dots \\
a_2 = \dots \\
\dots \\
a_{n-1} = \dots \\
a_n = \dots \\
a_{n+1} = \dots
\end{array}
\right\} \qquad \text{Note!}
$$