$$
f(x)=\int \frac{1}{x^{2}} \mathrm{~d} x
$$

$$
\begin{equation*}
f(x)=\int \frac{1}{x^{2}} \mathrm{~d} x \tag{2}
\end{equation*}
$$

Equation 2 is left aligned in fact of the second tabbing character $\&$.

