

$$\begin{aligned}
& \frac{\cos A}{(1 - \tan A)} + \frac{\sin A}{(1 - \cot A)} = \\
& = \frac{\cos^2 A}{(\cos A - \sin A)} + \frac{\sin^2 A}{(\sin A - \cos A)} = \\
& = \frac{\cos^2 A}{(\cos A - \sin A)} - \frac{\sin^2 A}{(\cos A - \sin A)} = \\
& = \frac{\cos^2 A - \sin^2 A}{(\cos A - \sin A)} = \frac{(\cos A - \sin A)(\cos A + \sin A)}{(\cos A - \sin A)} = \\
& = \cos A + \sin A = \sin A + \cos A \Rightarrow \\
& \Rightarrow \sin A + \cos A = \sin A + \cos A \Rightarrow \text{Proved.}
\end{aligned}$$