

Tips and Tricks

- While converting, one inverse trigonometric function to another one always take care of respective domain and range.
- For computing, sum/difference of two ITF's. it usually, it is easier to convert both of them to $\tan^{-1}(\quad)$ and then solve it.

For eg- To solve $\sin^{-1}x + \sec^{-1}y$
Convert it into, \downarrow \downarrow
 $\tan^{-1}(\quad) + \tan^{-1}(\quad)$
and compute it.