Q1) Wick rotation of rindler metric:

Sol) $ds^2 = \rho^2 d\tau^2 - d\rho^2 - dy^2 - dz^2$

wick rotation:-

$$\tau \rightarrow i\tau \Rightarrow d\tau \rightarrow i\,d\tau$$

$$\Rightarrow ds^2 = -(\rho^2 d\tau^2 + d\rho^2 + dy^2 + dz^2)$$

$$\Rightarrow ||g_{\mu\nu}|| = Diag(-\rho^2, -1, -1, -1)$$

$\Rightarrow ds^2 < 0$ always $\Rightarrow$ always space-like