

$$T_{sur} = 0 \text{ K}$$

Surface 2

$$\varepsilon = 0.5$$

Fluid,  $T_{\infty} = 293 \text{ K}$   
 $h = 100 \text{ W/m}^2\text{-K}$  Infinity

$$k = 10 \text{ W/m-K}$$

$T_2 = 300 \text{ K}$   
 Infinity

Surface 1

$$0.2 \text{ m}$$