(a). $p_{ heta}(\mathbf{x}_{t-1} \mid \mathbf{x}_{t:T})$ \mathbf{x}_{t-1} \mathbf{x}_0 \mathbf{x}_T \mathbf{x}_t $q(\mathbf{x}_{t-1} \mid \mathbf{x}_0)$ $q(\mathbf{x}_t \mid \mathbf{x}_0)$ $q(\mathbf{x}_T \mid \mathbf{x}_0)$ Hello [MASK]! Hello World! [MASK] [MASK] [MASK] [MASK] World [MASK] (b). Causal Modeling Hello World-Hello World? $\mathbf{x}_{t:T}$ $\widetilde{\mathbf{x}}_0$ $q\left(\mathbf{x}_{t-1} \mid \mathbf{x}_{0}
ight)$ $p_{ heta}\left(\mathbf{x}_{0} \mid \mathbf{x}_{t:T}
ight)$

[MASK] World [MASK]

Hello [MASK]!