

Task. Define  $\text{Log}_m[\mathcal{E} : \mathbb{E}_{\{\_ \_ \} \rightarrow \{i\_ \_ \}}[\_ \_ ]]$  to compute  $\text{Log}@0[e^\epsilon]$  to order  $\epsilon^{\text{Length}@\{U\}-1}$  using the  $m_{i,j \rightarrow i}$  multiplication, where  $\mathcal{E}$  is an  $\epsilon$ -dependent sub-balanced docile element, giving the answer in U-form.