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1 Function  $\text{Generate}_{\text{basic}}(\mathcal{CT})$ 
   Data: Code tables  $\mathcal{CT} = \{CT_1, \dots, CT_n\}$ 
   Result: Code tables  $\mathcal{CT} = \{CT_1, \dots, CT_k\}$ 
2  $\mathcal{CT}^{\text{cand}} = \{\}$ ;
3 for  $I \in \mathcal{F}$  do
4     for  $CT \in \mathcal{CT}$  do
5         if  $I \notin CT$  then
6              $\mathcal{CT}^{\text{cand}} = \mathcal{CT}^{\text{cand}} \cup \{(CT \cup I) \text{ Standard Cover Order }\}$ ;
7         end
8     end
9 end
10 return  $\mathcal{CT}^{\text{cand}}$ ;

```