Completion ($\mathcal{H}$)

   if $\mathcal{H}$ = $\emptyset$ then return FALSE

   if $\mathcal{H}(0)$ is an Hintikka Structure then return TRUE

   if $\mathcal{H}(0)$ is not fully expanded then Completion $(FE(\mathcal{H}(0)))$

  else if NEXT $(\mathcal{H}(0)) \neq \emptyset$ then Completion $(NEXT(\mathcal{H}(0)))$

      else Completion $(\mathcal{H} \setminus \mathcal{H}(0))$