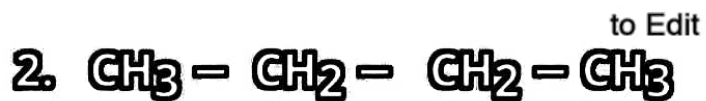
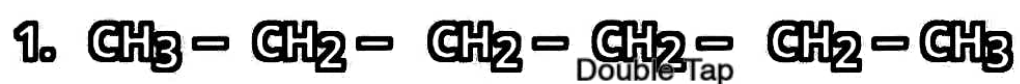


1) Write the structural, condensed and molecular formula of an Alkyne containing 5 carbon atoms.

	structure	condensed	molecular
Ans)	$\begin{array}{ccccccc} & & \text{H} & \text{H} & \text{H} & & \\ & &   &   &   & & \\ \text{H} & - & \text{C} & \equiv & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{H} \\ & &   & &   & &   & & & & & & \\ & & \text{H} & & \text{H} & & \text{H} & & & & & & \end{array}$	$\text{CH} \equiv \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	$\text{C}_5\text{H}_8$

2) Write the IUPAC names of the given compounds.



Ans) 1- Hexane , 2- Butane