1. What reagents are necessary for completing the following transformation. (4 points, problem 9-34i)

\[ \text{H} = \text{C} \rightarrow \text{H} \rightarrow \text{H} \]

1) 
2) 

2. Predict the product of the following reactions. (6 points)

\[ \text{H} = \text{C} \rightarrow \text{H} \rightarrow \text{H} \]

1) NaNH₂
2) Compound I from question 1
3) H₃O⁺