

CLIQUE vs. VC (simple equivalence)

- **CLIQUE** (G, k): does G contain a completely connected subgraph of size at least K ?
- The **complement** of graph $G = (V, E)$ is the graph $G_c = (V, E_c)$, where E_c consists of all the edges that are missing in G .
- $\text{CLIQUE}(G, k)$ equivalent to $\text{VC}(G_c, n-k)$

