

# Homework 4

- Write a function `at_least_one_color(n, k)`.
- This function should return a clause that represents the constraint: "node `n` must be colored with at least one color whose index comes from the set `k`".

# Homework 4

- Write a function `at_most_one_color(n, k)`.
- This function should return a clause that represents the constraint: "node `n` must be colored with at most one color whose index comes from the set `k`".
- `generate_node_clauses(n, k)`