Homework for Artificial Intelligence for Robotics - Questions and Answers

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1 WHAT IS THE INITIAL SATE OF A CONSTRAINT SEARCH PROBLEM?

It is an empty set of assignments.

2 WHAT IS THE GOAL STATE OF A CONSTRAINT SEARCH PROBLEM?

It is the full set of assignments fulfilling each constraint. By full it is meant that every variable is assigned to one value.

3 WHAT KINDS OF CONSTRAINTS ARE THERE IN CSP?

There are unary constraints, binary constraints, preferences (or soft constraints) and higher order constraints.