## planning a problem

- Planning in AI is about the decision making teak performed by robotr or computer programs to achieve the sperific goals.
- Execution of planning is about choosing a sequence of actions with high likelihood to complete specific took.
  - Planning is sequence of actions

## Language of planning problem

key is to find the language which is expressive enough to describe a wide variety of problems.

STRIPS (Stanford research Postitule problem solver.) Start, goal, autions, effect. It was a planner used by Shakey, one of the 1st robots build using AI technology which is an autien centric representation for each action specifies the affect of an action.

It is an automated planning technique that works by executing a domain and problem to find a goal.

Problem: Moung air cargo from airport À to B' Pg 376, 408. [Air cargo transport] (h11 planning. Spare tyre problem

PDDL (plunning domain définition language)

forward state space, backward state space.

Uncertainty. (Bayes theorem) P (bla) = P(a/b) P(b)

No rational devenues Banz. probabling notation.

Don't read algos.

Refer ap for propositional logic

Planning, PODL description, Beyes rule, Bonson

Don't mily infertial prob distri