## AI Activity-6 Rantial ander Planning

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## ( ) Initial State

At Cmonkey, A) A At (Banonas, B) A At (Box, C) A Height (monkey, Jow) A
Height (Box, low) A Height (Dononas, High) A Pushoble (Box) A Climbable (Box)

- ( ) Actions
  - (1) Goo (X,y): Precord: at (Monkey, x)

    Effect: at CMonkey, y) at (Monkey, x)
  - 2) Push (bixiy): Pre cond: at (Monkey, x) at (bix) Pushable (b)

    Effect: at (b,y), at (monkey, by) ot (monkey, x), at (b,x)
    - 3) Climbup(b): Procond: at Chankey, k), at (b,n), Climboble (b)

      Effect: on (Mankey, b) Height (Monkey, Jow) Height (Monkey, High)
    - 4) Gosp (0):- Precord: Height (monky, h), Height (0, h), at (monkey, m) at (0, x)

      Effect: 200 Have (monky, 0)
  - Climbdown Cb):- Precond on Cmonkey, b), Helght (monkey, High)

    Effect: -7 On (monkey, b) -> Height (monkey, High) Height (monkey, low)

Ongousp (0): - Precond: Hove (monkey, 0)

Effect: - Have (monkey, 0)

Partial Order Plan

