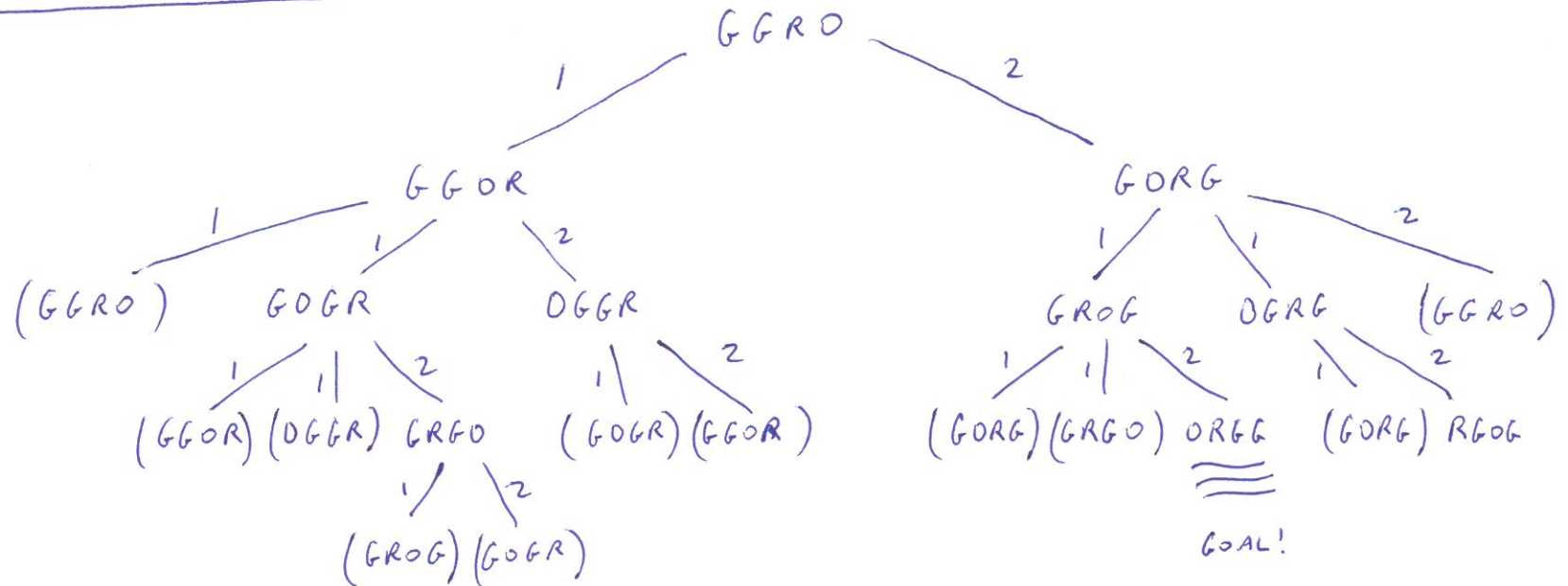


CS4725/6705 - Fall 2017
ASST. 1, QUESTION 4b



Node expanded

GGRO
GGOR
GOG R
GORG
GROG
OGGR
OGRG
GRGO

ORGG → GOAL
FOUND

Frontier (Priority Queue)

GGOR¹ GORG²
GOG R² GORG² OGGR³
GORG² OGGR³ GRGO⁴
GROG³ OGGR³ OGRG³ GRGO⁴
OGGR³ OGRG³ GRGO⁴ ORGG⁵
OGRG³ GRGO⁴ ORGG⁵
GRGO⁴ ORGG⁵ RGOG⁵
ORGG⁵ RGOG⁵