

Assignment 1 Consultations

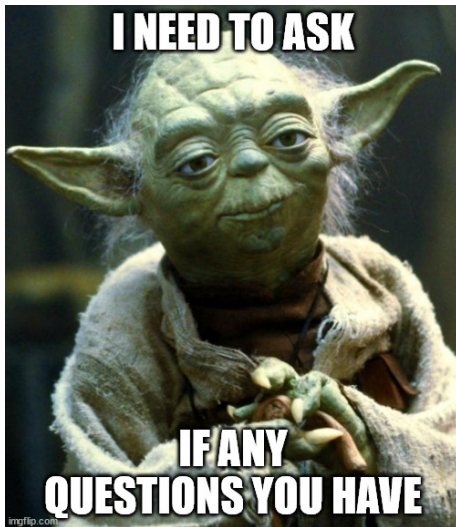
...and exercises!

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PUI Tutorial
Week 7

Lecture check

- Any questions regarding the lecture?



Next week

- Next week no lecture and no tutorials
- You can schedule a consultation if necessary

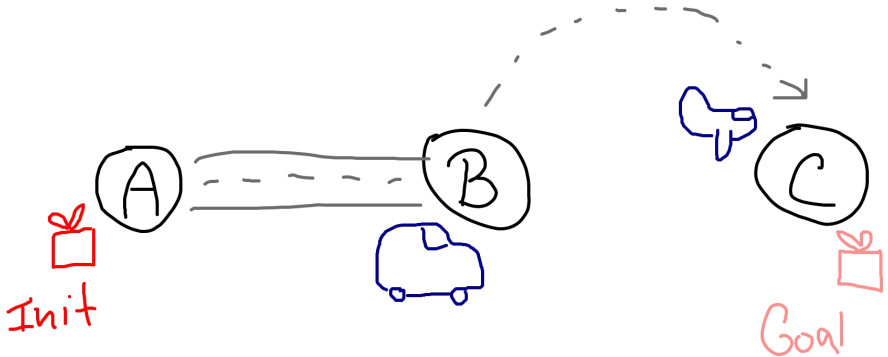
Assignment 1

- Any questions regarding the assignment?

- Let's practise on a simple example we know very well

Exercises

- Let's practise on a simple example we know very well



Let's compute:

- $h^{LM-Cut} + h^{max}$
- h^{add}
- h^{ff}
- h^{flow}
- h^{pot}

STRIPS representation

$$F = \{tA, tB, pB, pC, gA, gB, gC, gt, gp\}$$

	pre	add	del	c
dAB	tA	tB	tA	1
dBA	tB	tA	tB	1
fBC	pB	pC	pB	1
fCB	pC	pB	pC	1
ltA	tA, gA	gt	gA	1
ltB	tB, gB	gt	gB	1
utA	tA, gt	gA	gt	1
utB	tB, gt	gB	gt	1
lpB	pB, gB	gp	gB	1
lpC	pC, gC	gp	gC	1
upB	pB, gp	gB	gp	1
upC	pC, gp	gC	gp	1

$$s_I = \{gA, pC, tB\}$$

$$s_G = \{gC\}$$

FDR representation

$$V = \{T, P, G\}$$

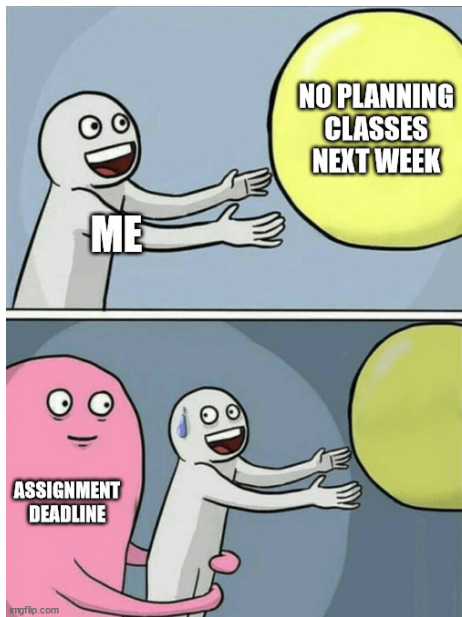
$$D_T = \{A, B\}; D_P = \{B, C\}; D_G = \{A, B, C, p, t\}$$

	pre	eff	c
dAB	T=A	T=B	1
dBA	T=B	T=A	1
fBC	P=B	P=C	1
fCB	P=C	P=B	1
ltA	T=A, G=A	G=t	1
O = ltB	T=B, G=B	G=t	1
utA	T=A, G=t	G=A	1
utB	T=B, G=t	G=B	1
lpB	P=B, G=B	G=p	1
lpC	P=C, G=C	G=p	1
upB	P=B, G=p	G=B	1
upC	P=C, G=p	G=C	1

$$s_I = \{T = B, P = C, G = A\}$$

$$s_G = \{G = C\}$$

The End



[Feedback form link](#)

