

Concepts

schedule

```
studies(student_0, physics201).
studies(student_0, mech202).
studies(student_0, csen202).

studies(student_1, physics201).
studies(student_1, physics201).

studies(student_2, csen202).
studies(student_2, signls402).

studies(student_3, netw201).
studies(student_3, elct402).
studies(student_3, signals402).

day_schedule(saturday, [[math203],[physics201, csen202],[signls402, netw201],[],[]]).
day_schedule(sunday, [[math203],[chem101, mech202],[],[],[]]).
day_schedule(monday, [[math203],[physics201, csen202],[],[],[]]).
day_schedule(tuesday, [[signals402],[physics201, csen202],[],[],[]]).
day_schedule(wednesday, [[math203],[],[physics201, elct402],[],[]]).
day_schedule(thursday, [[math203],[],[],[netw201, csen202],[]]).
```

student_0

- physics201
- mech202
- csen202

student_1

- physics201
- physics201

student_2

- csen202
- signls402

student_3

- netw201
- elct402
- signals402

Day/Slot	1st	2nd	3rd	4th	5th
saturday	math203	physics201, csen202	signals402, netw201		
sunday	math203	chem101, mech202			
monday	math203	physics201, csen202			
tuesday	signals402	physics201, csen202			
wednesday	math203		physics201, elct402		
thursday	math203				netw201, csen202

- Each student should not have clashes in the schedule between any two courses that he/she is studying.
- Each student should not have slots allocated on more than a predefined number of days per week (to enforce the constraint of giving each student 2 days off).