

Assignment # 2

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"Q No 1"

1- Define Class:

class
Students : S
Students ≤ 40

2- Add a Student:

add Student
Δ Class
name? : S
Student $\leq 40 \wedge$
(name?) \notin Student
Student' = Student \cup [name?]

3- Display Student:

Display Student
\equiv Class
Disp ! : S
Student ≤ 40
Disp ! = student

4- Drop Student:

Drop Student
Δ Class
name ? : S
student ≤ 40
[name ?] \notin Student
student' = Student / [name ?]

5- Display Size:

Display size
\equiv Class
size ! : N
Student ≤ 40
size ! = # student