7. The department code and course number of any course that has always been taught by a CS professor in the past, but is currently being taught by a non-CS professor.

{ substring(q1, 1, 2) , q1 | ∃ m, n, o, p . professor(m, n, o, p)

    ∧ p = "CS"

    ∧ ∃ q, r, s . class(q, r, s, m)

    ∧ ∃ t . enrollment(t, q, r, s)

    ∧ ∃ u . mark(t, q, r, s, u)

    ∧ ∃ m1, n1, o1 . professor(m1, n1, o1, p1)

    ∧ p1 ≠ "CS"

    ∧ ∃ q1, r1, s1 . class(q1, r1, s1, m1)

    ∧ ∃ t1 . enrollment(t1, q1, r1, s1)

    ∧ ¬ ∃ u1 . mark(t1, q1, r1, s1, u1)

    ∧ q = q1

}