Q1. π { s.snum, s.name }

σ [(s.year = 3 $\lor$ s.year = 4) $\land$ s.snum = m240.snum

$\land$ m240.snum = m.245 snum

$\land$ m240.cnum = 'CS240' $\land$ m240.grade >= 85

$\land$ m245.cnum = 'CS245' $\land$ m245.grade >= 85]

$(\rho_s(\text{student}) \times \rho_{m240}(\text{mark}) \times \rho_{m245}(\text{mark}))$ }