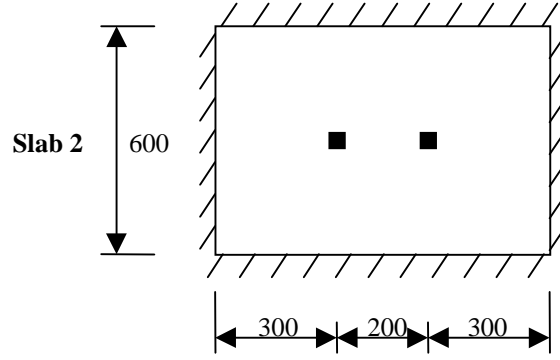
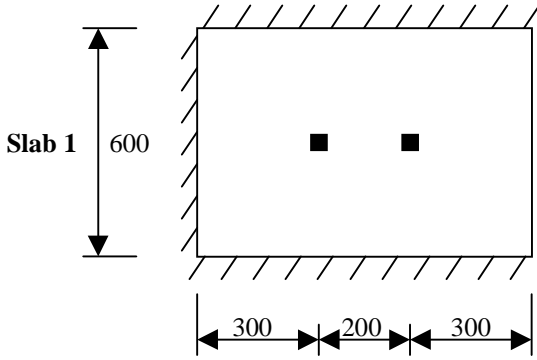
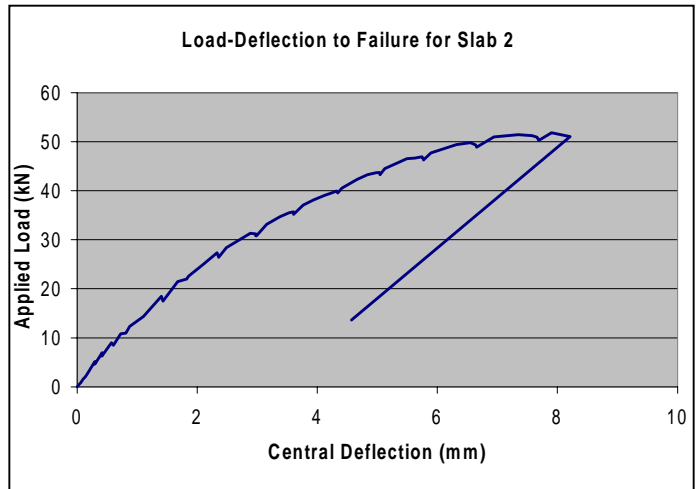
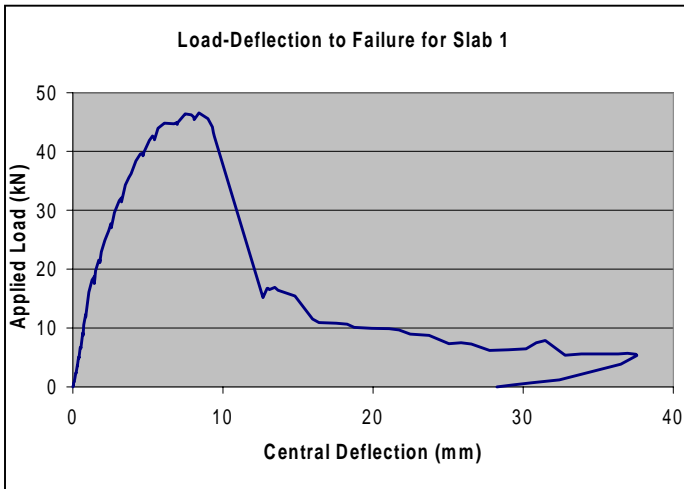


Slab designs, dimensions and loading



Concrete cube strength $f_{cu} = 52.5 \text{ N/mm}^2$, tensile strength $f_t = 5.65 \text{ N/mm}^2$. Mesh reinf. of $3 \text{ mm } \phi$ steel bars at 25 mm c/c in bottom only, $f_y = 500 \text{ N/mm}^2$, cover 5 mm. Mesh placed so that highest moment of resistance across shortest span.



Comment briefly on the behaviour of each slab through the elastic range and up to failure. Compare the deformability and overall behaviour of each slab. Comment on whether you think this behaviour was to be expected, and why.
