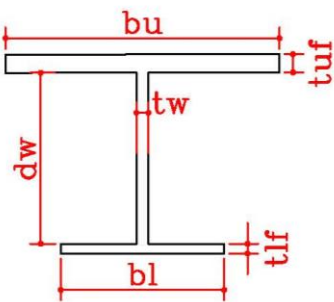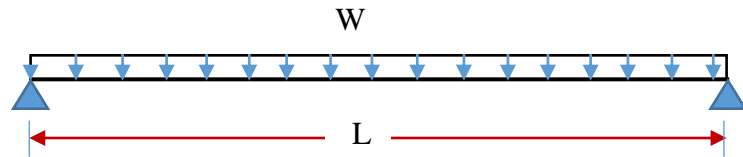# PROJET

Write and execute a **FORTRAN** program to compute the maximum bending moment, maximum shear force and maximum deflection, where the modulus of elasticity for steel and concrete are $E_s = 2100$ t/cm^2, $E_c = 210$ t/cm^2 respectively for the shown sections.
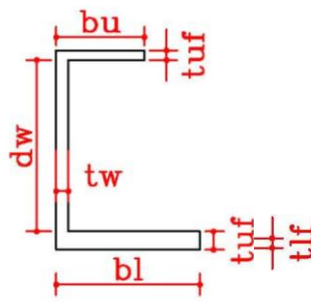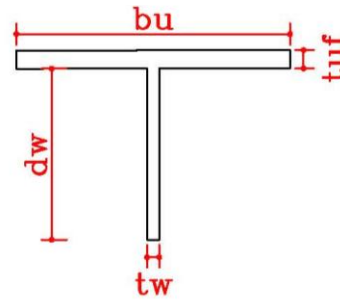
$$M = \frac{W L^2}{8}$$

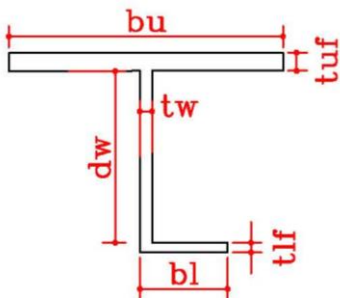$$Q = \frac{W L}{2}$$

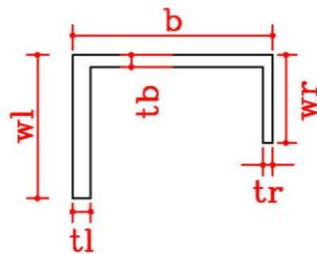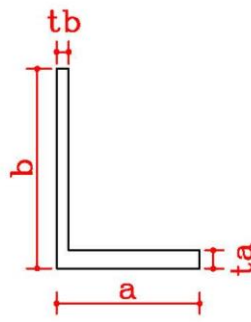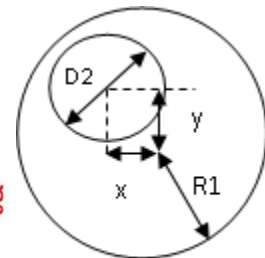$$\Delta = \frac{5 W L^4}{384 E I_x}$$

section 1

section 2

section 3

section 4

section 5

section 6

Section 7