(a) We central obliquence scheme solve coupled system of DE.

No know
$$y(x)$$
 and $z(x)$
 $y(x)$ and $z(x)$
 $y'' + (x-1)y' - 6y = x^2 = 0$
 $y'' + (x-1)y' - 6y = x^2 = 0$
 $y'(0) = y'(0) = 0$

Discretizing using funct difference scheme

$$\left(\frac{y_{1n} - 2y_1 + y_{1n}}{h^2}\right) + (x_1)\left(\frac{y_{1n} - y_{1n}}{2h}\right) - 6y = x_1^2 + (0) y_{1n} + (-6)y_{1n} + (-6)y_{1n} + (-6)y_{2n} + (-6)y_$$

(4) & sobre No. Linear By will glide a schone school for the object ; bool + ; bool

$$\frac{\sqrt{\frac{1}{3}} + \frac{1}{3} - \frac{1}{3} + \frac{1}{3} +$$