```
Considere
              Calule el polinomio de interpolación p4(x).
intervalo (0,8) 5 = 10,2,4,6,8}
                                      X0 = 0 == = = > (6 == )
                               \chi_1 = 2 \Rightarrow \frac{3}{5} \Rightarrow (2 - \frac{3}{5})
\chi_2 = 4 \Rightarrow -\frac{7}{5} \Rightarrow (4 - \frac{1}{5})
                                 x_3 = 6 \Rightarrow -3 \Rightarrow (6, -3)
x_4 = 6 \Rightarrow -3 \Rightarrow (8, -3)
                         Lagrange
                                     Colx
                                                                                                    = yolo(x) + yel(x) + yele(x) + yele(x) + yele(x)
                 L_{o}(x) = \begin{bmatrix} x - x_{1} & x - x_{2} & x - x_{3} & x - x_{4} \end{bmatrix}
                                                                j=0 j+0 ×n-x, x0-x, x0-x, X0-x, X0-x,
                                                                     X_1 - X_0 X_1 - X_2 X_1 - X_3 X_1 - X_4
                                                                                                                                                                                                                                                                                        B
                                                                                                                                                                                                                                                                                        -96
        \frac{L_{2}(x) = x - x_{0}}{x_{0} - x_{1}} = \frac{x - x_{0}}{x_{1} - x_{2}} = \frac{x - x_{1}}{x_{1} - x_{2}} = \frac{x - x_{2}}{x_{2} - x_{3}} = \frac{x - x_{3}}{x_{2} - x_{3}} = \frac{x - x_{4}}{x_{2} - x_{4}} = \frac{x - x_{4}}{x_{2} - x_
LB(X) = x-x0 . X-X, . X-X2 . X-Xy = (X)
                                                        X3-X0 X3-X1 X3-X2 X3-X4
```





