1. Logistic Regression (code in ***fisher\_scoring.py***)
   1. >> Find the Hession matrix for where   
      Hessian matrix: >> Show that H is ***semi positive definite***: Suppose ;  
      Then
   2. Fitted coefficients = [-2.6205116 0.76037154 1.17194674]
   3. The figure plotted in ps1q1c.png  
      