1. For dataset “Doctor.xlsx”:
   * Construct logit and probit regression model with “Y = result of a pregnancy” as a dependent variable, and 5 independent variables which are the characteristics of the patients.
   * Verify if the coefficients of both binary regression models are significant using Wald tests.
   * Find “optimalCutoff” for both models.
   * Construct the confusion matrices for both models with default and optimal “cutoffs”.
   * Plot the ROC curve for the same dataset (using the predicted and observed variables).
2. For dataset “binary regression.xls”:
   * The data are the following: the first column is the number of hours the student slept before exam. The second column is the number of hours the student studied before exam. The third column is the exam which is passed (1) or failed. Construct logit and probit regression model with “Y = result of exam” as a dependent variable, and 2 independent variables (columns 1, 2).
   * Verify if the coefficients of both binary regression models are significant using Wald tests.
   * Find “optimalCutoff” for both models.
   * Construct the confusion matrices for both models with default and optimal “cutoffs”.
   * Plot the ROC curve for the same dataset (using the predicted and observed variables).