HOMEWORK 7

- 1. Create a HTML web page for student registration using JavaScript or jQuery. You have to create a form for input and a table for output.
 - Form: student id, full name, gender, date of birth, grade
 - Table: number (auto increment from 1), first name (ex: Lam), last name (ex: Nguyen Hung), gender, date of birth, age, grade, classification, ranking
 - Data validation and output requirements:
 - o student id: number only, length: 5
 - o full name: at least 2 words
 - o gender: male or female (using radio button or drop down list)
 - o date of birth: born from 1998 to 2003
 - o age: based on year of birth
 - o grade: from 0 to 10, decimal number (ex: 7.5, 9.3)
 - o first name and last name: extract from full name
 - o grade classification: 0-5 (E), 5-7 (D), 7-8 (C), 8-9 (B), 9-10 (A)
 - o ranking: sort descending (higher grade ⇒ higher ranking)
 - o show input validation error by popup dialog (alert)
 - o max quantity: 15 (students) ⇒ do not allow to add more ⇒ show error
 - highlight the student(s) with highest grade (change text background color for proper row(s))
 - o add buttons to show/hide form and table
 - o create radio button/drop down list to change English ⇔ Vietnamese
 - Statistical data (put this before/after table):
 - total students
 - o total male/female
 - o ratio of male/female (ex: male -70%, female -30%)
 - o average grade
 - o grade classification summary (ex: 2E, 5A, 7C,...)