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
     o 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):
     o 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,…)