Quote of the day: "If it doesn't challenge you, it won't change you".

SELECTION STATEMENTS

Exercise 1

Costco is a wholesale supermarket that offers discounts on the total amount on the receipt as follow:

- 0 discounts for less than 10 items
- 20% discount between 10 and 19 items
- 30% discount between 20 and 30 items
- 50% for more than 30 items.

Write a program that given the total amount on the receipt and the number of items, it displays the final amount to pay.

Exercise 2

Write a program that reads a letter from the English alphabet from the user. If the letter is a vowel (a, e, o, i, u) then it should inform the user that it's a vowel. If the letter is a (y) then it should inform the user that sometimes it's a vowel, sometimes it is not. Otherwise it is a consonant.

Exercise 3

Write a program that asks the user for the length and width of two rooms. It should then inform the user to say whether the areas are the same, or if not, which room is bigger.

Exercise 4

In the Gregorian calendar, the length of a month varies from 28 to 31 days. Write a program that reads the name of a month from the user as a string. Then displays the number of days in that month.

Hint: If the month is Feb, then it should display "28 or 29 days" to take leap years into account.

Please complete exercises in the lectures !