Academic Year 2023/2024
Badji Mokhtar Annaba university
Bachelor Of Computer Science - First Year - S1
Algorithmics and Data Structures

TD 5 (enumerations and structures)

Exercise 1 :

Create an enumeration called `Months` representing the months of the year.

Exercice 2 :

Define the data type 'computer' that contains the attributes: id, brand, cpu = set (i3,i5, or i7), RAM, system = set (Linux, or Windows), and price.

1- Write an algorithm that uses the type computer to create the following array
(computer 1 : id=1, brand=HP, cpu=i5, RAM=8 GO, system= Windows, price=50000;
computer 2: id=2, brand= DELL, cpu =i3, RAM=16 GO, system= Windows, price=80000;
computer 3: id=3, brand=Lenovo, cpu =i7, RAM=32 GO, system= Linux, price=100000;)
2- Display the computers that have a price below 90000 DA.
3- Display the number of computer that have Windows as operating system.
4- Update the price of each computer by including the TVA (19%).