Java Practice

Commencer le travail

À rendre le Pas de date limite de rendu **Points** 0
Soumission en cours un champ de texte

Java Exercices

1. Write a program called **CheckPassFail** which prints "`PASS`" if the `int` variable "`mark`" is more than or equal to `50`; or prints "`FAIL`" otherwise. The program shall always print "`DONE`" before exiting.

2. Write a program called **Product1ToN** to compute the product of integers from `1` to `10` (i.e., `1x2x3x...x10`), as an `int`. Take note that It is the same as factorial of `N`.

3. Write a program called `Swap2Integers` that swap the contents of the two variables; and print the results.

4. Write a Java method to compute the sum of the digits in an integer.

5. Write a Java method to check whether a year (integer) entered by the user is a leap year or not.

6. Write Java methods to calculate the area of a circle.

Note : area of a circle = radius * radius * 3.14

7. Given a number from 1-12, return the name of the appropriate month

8. Define a method named 'perfect' that determines if parameter number is a perfect number. Use this function in a program that determines and prints all the perfect numbers between 1 and 1000. [An integer number is said to be "perfect number" if its factors, including 1(but not the number itself), sum to the number. E.g., 6 is a perfect number because 6=1+2+3].

9. Define a method to calculate power of a number raised to other i.e. a^b using recursion where the numbers 'a' and 'b' are to be entered by the user

10. Create a method that will give you the grade according to his notes

11. Implement a program that display the below pattern

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12. Implement a program to display the sum of two numbers if they are the same or the double of the sum if they are different