



Programmation orientée objet o2(TP)

Exception Handling – TP04 --

Exercise 01:

In the same Java program answer the following Questions:

- 1-Write a method that takes an integer as a parameter and throws an exception if the number is odd and catch it using a try-catch block in the main method.
- 2-Write a method that reads a file and throws an exception if the file is not found and catch it using a try-catch block in the main method.
- 3-Write a method that reads a list of numbers from a file and throws an exception if any of the numbers are positive.
- 4-Write a method that reads a list of integers from the user and throws an exception if any numbers are duplicates.

PS: Use try-catch block in the main method to catch exceptions from the four methods that you created.

Exercise 02:

You must create a custom calculator with following operations:

1. + -> Addition
2. - -> Subtraction
3. * -> Multiplication
4. / -> Division

which throws the following exceptions:

1. Invalid input Exception ex: 8 & 9
2. Cannot divide by 0 Exception
3. Max Input Exception if any of the inputs is greater than 100000
4. Max Multiplier Reached Exception - Don't allow any multiplication input to be greater than 7000