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| **Exercise**  **No.** | **Date** | **Home Practice Exercise** | **Work Folder Name/Line** |
| **1** | 04/10/2021 | Do the following java programs **without using Object Oriented Concepts**   1. Add 2 numbers 2. Find out factorial of a number 3. Generate Fibonacci series till a given number. 4. Find out maximum of 3 numbers. 5. Find out simple interest when principle, rate and rate of interest are known. 6. Find out area and perimeter of a rectangle 7. Find out grade of a student when percentage of marks is known. 8. Find whether the number given is odd or even. 9. [Display Even Numbers From 1 to 100](https://www.javatpoint.com/java-program-to-display-even-numbers-from-1-to-100) 10. Find sum of natural numbers.   Do the following java programs **using Object Oriented way of Programming**   1. Find out factorial of a number. 2. Generate Fibonacci series till a given number. 3. Find out maximum of 3 numbers. 4. Find out simple interest when principle, rate and rate of interest are known. 5. Find out area and perimeter of a rectangle when length and breadth is known. 6. Find whether the number given is odd or even. 7. Find out Area, Circumference, and Diameter of a Circle with a given radius. 8. Calculator class to find out addition, subtraction, division, multiplication, and remainder of given numbers. 9. Class to find total marks obtained and percentage when marks of any 5 subjects are given. Consider 100 to be maximum marks of each subject. 10. Create a Car Class with attributes and behaviors that you feel that it should be there. | Home Practice Programs   * Practice\_Exercise\_1 \_04 Oct 2021 * Practice   Home Practice Programs   * practice\_Exercise\_1 \_04 Oct 2021 * oop\_practice |
| **2** | 11/10/2021 | Do bubble sort programme in java using arrays | Home Practice Programs   * h.w\_11-10-2021 |