PRACTICE

Basic Java Course

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1   SIMPLE ARITHMETIC OPERATIONS

Write a program to define two integer variables and perform the following operations: addition, subtraction, multiplication, and division. Print the results.

2 AREA OF A RECTANGLE

Define two double variables for the length and width of a rectangle. Calculate and print the area of the rectangle using the formula: area = length * width.

3 SWAP TWO VARIABLES

Write a program to swap the values of two integer variables and print the values before and after swapping.

4 CHECK EVEN OR ODD

Define an integer variable. Write a program to check whether the number is even or odd using an if-else statement and print the result.

5 FIND THE LARGEST NUMBER

Define three integer variables. Write a program to find and print the largest of the three numbers using if-else statements.

6   GRADING SYSTEM

Define an integer variable score and write a program to assign a grade based on the value of score using if-else statements:

- 90 and above: A
- 80-89: B
- 70-79: C
- 60-69: D
- Below 60: F

SUM OF FIRST N NATURAL NUMBERS

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Define an integer variable N. Write a program to calculate and print the sum of the

first N natural numbers using a for loop.

8 SUM OF FIRST N NATURAL NUMBERS

Define an integer variable N. Write a program to calculate and print the sum of the first N natural numbers using a for loop.

9 FACTORIAL CALCULATION

Define an integer variable n. Write a program to calculate and print the factorial of n using a for loop.

10 FIBONACCI SEQUENCE

Define an integer variable N. Write a program to print the first N numbers of the

Fibonacci sequence using a for loop.

END

THANK YOU

FOR YOUR ATTENTION