

Assignment No:

Subject: Java Programming

Date: xx / xx / xxxx

Marks:

Time: xx : xx

1. What is JVM, JDK and JRE, Explain in detail.
2. Explain how Scanner class used to input the data with example.
3. Explain relational and Logical operators in java with example.
4. Write a C program to input basic salary of an employee and calculate its Gross salary according to the following:

Basic Salary \leq 10000 : HRA = 20%, DA = 80%

Basic Salary \leq 20000 : HRA = 25%, DA = 90%

Basic Salary $>$ 20000 : HRA = 30%, DA = 95%

5. Write a program to convert the temperature from degree to Fahrenheit ($C = 5/9(F - 32)$)
6. Write a program to check entered number is Condense Number or not.
7. Write a program to calculate the LCM of two number.
8. Write a program to check entered number is Condense Number or not.

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9. Write a program in Java to input the values of x and n and print the sum of the following series: $S = 1 + (x+2)/2! + (2x+3)/3! + (3x+4)/4! + \dots$ to n terms.
10. Explain the labelled break and labelled continue with example.
11. What is jagged Array in java, explain with the help of Example