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11:00 AM(MT)

**Final Exercise for Saturday Class Students**

**Objective:**

This exercise is made for you to evaluate your knowledge on Java (on the topics like):

1. **Creating classes in java**
2. Naming convention
3. Import
4. Case sensitivity
5. Formatting code
6. Adding comment // , /\* \*/
7. Definitions
8. Punctation marks**: ; . !! , == “ ” \* { } ( )**
9. Data types
10. Variables
11. Naming variables
12. Declaring vs initializing
13. Using/calling variables
14. **Prompting users to interact with the program**

Print

Println

Concatenation

1. **Arithmetic operations**

Operators: +, -, \*, /, % ...

1. **Conditional Statements**

If

Else

Else if

Logic and operators: and, or, not ...

1. **Loops**

For loop

While loop

Do while loop

1. **Libraries**

Scanner

Random

Math

Date

1. **Methods**

Creating methods

Calling methods

1. **String Class**

comparing, constructing, converting, finding, replacing, splitting...

1. **Formatting output**

Printf (%ns, %nd, %nf, %nc) where is number

\t, \n, \b, …more

1. **File IO**

Write

Read

Manipulate the data

**The final Exercise**

**Problem: As that you are hired in a**

**Approach:**