

# Day 1

## About Me

- I am Sushil Paudel from Pokhara, Nepal  
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## Java Best Practices:

- <https://www.baeldung.com/java-clean-code>

## Today's Topics:

- Class
- Method (with/without parameter, return type)
- Operators
- Loop
- Conditional statements
- Map

## Questions

1. WAP to calculate percentage of a student from the 5 subjects (each subject full mark is 100) and return the result. Also, print the result in another method.

### Hints

- *Create a class Calculate*
  - *Create a parameterized method **calculatePercentage**(int a, int b, int c, int d, int e)*
    - *Calculate and return the percentage from the marks*
  - *Create a main method and call calculatePercentage(marks....) method with the subject's marks as parameters. (You can take user input using scanner or you can pass the static values). Print the result returned by that method.*

2. Create a class Printer that has following methods:

- a. print(String message): print the parameter's value
- b. runner(): Call the print() method to print these message separately - your name, hobby and favorite movie.

*(You have to call print() method thrice with the parameter)*

- c. Create a main method and then call runner() method

3. WAP to print how many numbers exactly divides the input number (or any number).

*(E.g. If the number is 10, then it is divided by 1, 2, 5 and 10, so the output will be 4.)*

4. Find the lowest and highest number among five numbers.

*(The numbers can be either static (E.g. 9, 11, 131, 6, 44) or you can take user input)*

5. Count occurrences of character in String.

*(E.g. "Hello" should output h=1, e=1, l=2, o=1 or in similar format).*