



# Basics of Java

## Rules for this lovely bful batch

Rule no. 1 → Do not annotate

Rule no. 2 → Chup rehna hai

Rule no. 3 → Chat sirf tab karna hai jab main bolunga

Rule no. 4 → Trust Raghar → 100%.

Rule no. 5 → Do not watch any DSA Roadmap

Rule no. 6 → Basic se padhanga

Rule no. 7 → Never miss any live class

Rule no. 8 → Class Duration → Bhindi actor song nahi dega

Poll:

8:30

Telegram

Video off karke rehna

Pls do not ask questions  
which are irrelevant

I am not Sandeep  
Mahesh

Boys

→ Respect maintain

Chappi Pana mat Karo

DSA Java

'Roast' kar raha hoon.

Rule No. 9

Is class ka ek hi gunda hai

↓

Raghav



# Contents

1. Output
2. Variables & Data Types
3. Operators
4. Input



# Area/Formula on Google



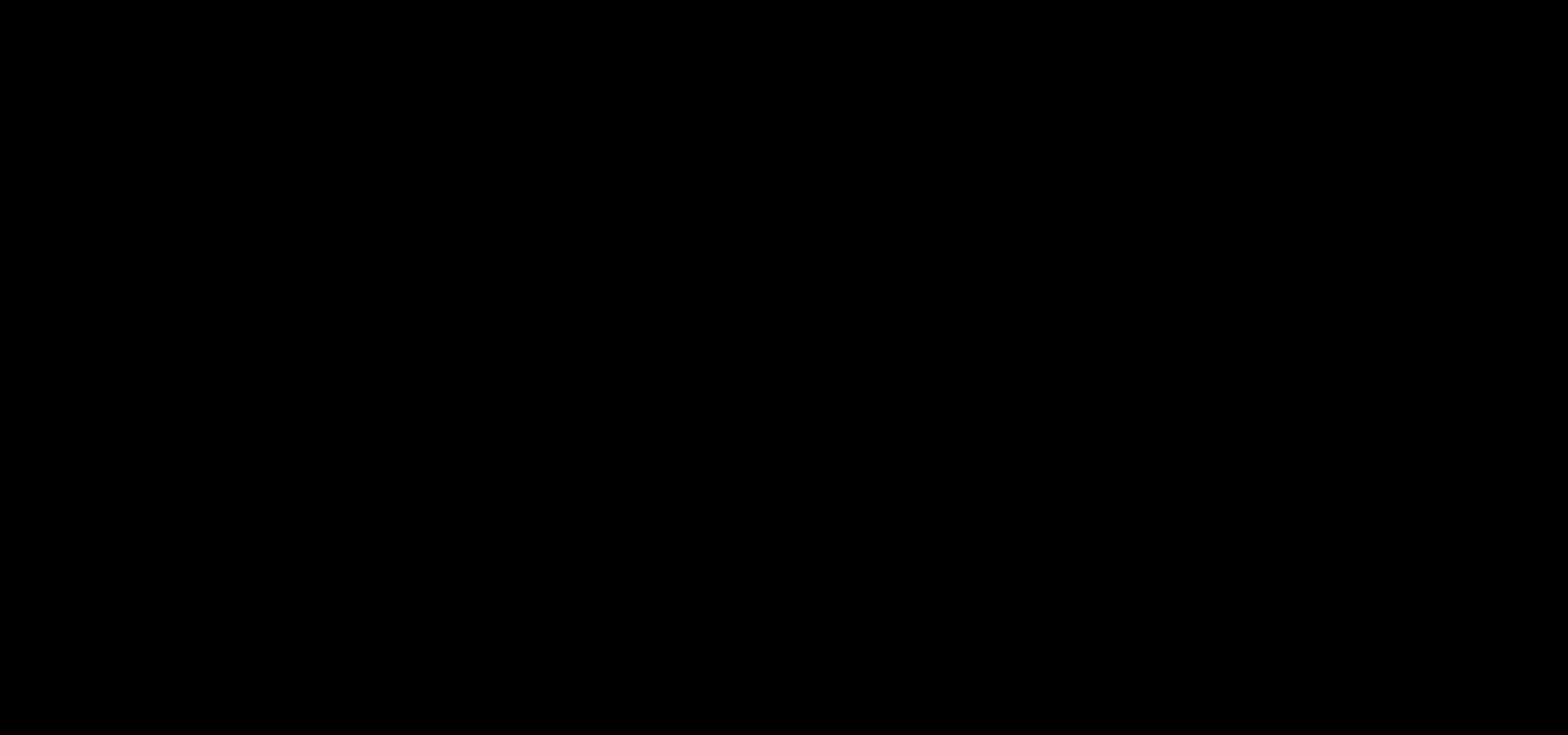
# IntelliJ Idea and JDK Installation



# Basic Program in Java



# How to move in next line

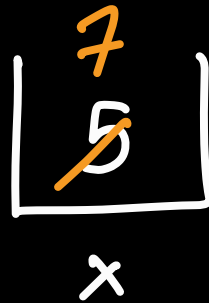




# Printing Text and Numbers

# Variables (int)

✓ `int x = 5;`



✓ `Sout(x);`

✓ `x = 7;`

✓ `Sout(x);`

✓ `Sout("Hello Niharika");`

Output

· 5

· 7

· Niharika

# Modifying values of Variables

✓ `int x = 7;`

✓ `cout(x);`

✓ `x = x + 2;`

✓ `cout(x);`



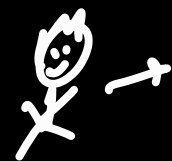
`x = (x + 2);`

Output

7

9

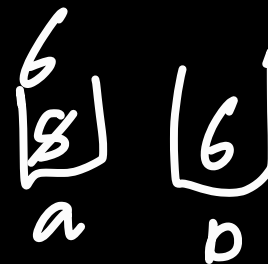
idhar dekho



✓ `a = 5`

✓ `b = 6`

✓ `a = b`





# Arithmetic Operations on int



# Arithmetic Operations on double



# Example: Calculate area of Circle



# Homework:<sup>1</sup> Calculate Volume of Sphere

HW<sup>2</sup>: Calculate T.S.A. of a cuboid  $l, b, h$



# Variable Naming Rules

1. Variables can start from alphabet or \_ or \$
2. Special characters except \_ and \$ are not allowed
3. Blanks, Commas not allowed
4. Keywords not allowed

*int x = 5;*



*variable name*

*int raghav = 100;*



**Ques:** Find out the **invalid** variables names

1. GEEKYRAGHAV

2. \_basic

3. raghav-garg

4. #MEAN

5. group@

6. geeks for geeks

7. INT

8. Raghav's\_students

9. 420

10. x1

11. 1x

12. Public

13. raghav,garg

14. accheVariableNames