



Basics of Java

Rules for this lonely bfh batch

Rule no. 1 → Do not annotate

Rule no. 2 → Chup rehna hai

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

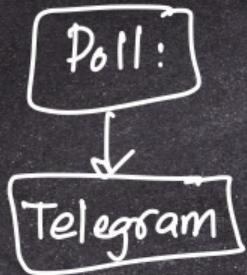
Rule no. 4 → Trust Raghav → 100%

Rule no. 5 → Do not watch any DSA Roadmap

Rule no. 6 → Basic se padhaunga

Rule no. 7 → Never miss any live class

Rule no. 8 → Class Duration → Bhindi aector zama nahi legana



8:30

Boys → Respect maintain

Chapni Pana mat Karna



Pls do not ask questions
which are irrelevant

I am not Sandeep
Maheshwari

Rule No. 9

Is class ka ok hi gunda hai

L

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;`



✓ `cout < x;`

✓ `x = 7;`

✓ `cout < x;`

✓ `cout < "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

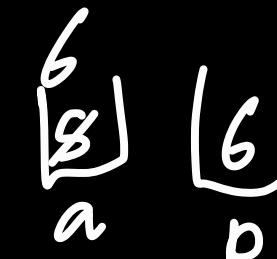
idhar dekho



✓ `a = 5`

✓ `b = 6`

✓ `a = b`



Arithmetic Operations on int

Arithmetic Operations on double



Example: Calculate area of Circle

Homework¹: Calculate Volume of Sphere

HW²: 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