



Starting at 7:05 pm  
Enjoy the song 🎵

Not audible : Please rejoin  
Join with laptop

### Today's Content

- Discuss about module
- Interesting things about computer
- Basic codes in Java
- Quizzes
- Dashboard walkthrough

F.A.Q → session notes and code will be shared

Request: Please don't talk about a topic which is not yet discussed in class in public chat.  
Please do not create panic in others.

To : <sup>Priyanshi</sup> Everyone ✓

POLL: What coding experience do you already have?

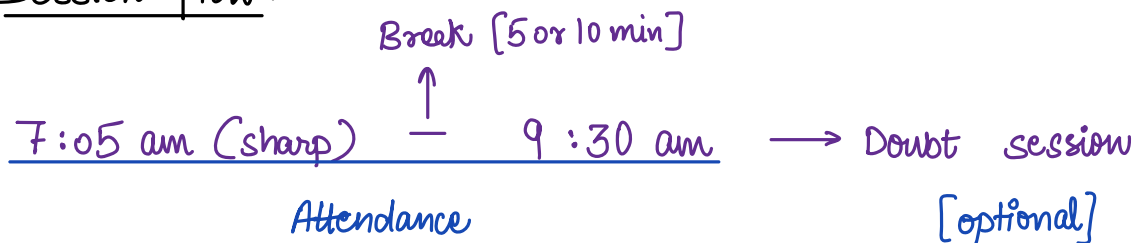
1. I know coding but not in Java → 23%
2. I know coding and Java but want to revise → 21%
3. I am entirely new to coding → 56%

What I need from all of you?

1. Support each other
2. Control your excitement
3. Show energy in every class by participating
4. Solve assignment and homework questions

Session flow:

M W F



## Beginner JAVA Content :

—————→ Goal :

Learn programming  
Basics on Java

1. Introduction to Module
2. Output and Basic Data Types
3. Data Types and Reading Input - 1
4. Data Types and Reading Input - 2
5. Operators
6. If - Else - 1 → M
7. If - Else - 2 → W

support@scaler.com

8. Context : 1 [90 min] + Discussion [90 min] → for

9. Loops - 1
10. Loops - 2
11. Loop - 3
12. Pattern printing
13. Functions - 1
14. Functions - 2

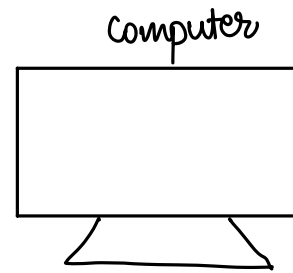
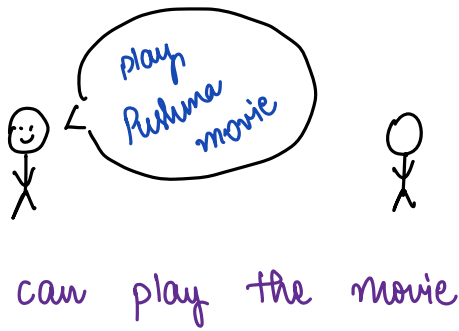
15. Context : 2 [90 min] + Discussion [90 min]

16. 1D Arrays : 1
17. 1D Arrays : 2
18. 1D Arrays : 3
19. 2D Arrays : 1
20. 2D Arrays : 2
21. 2D Arrays : 3

22. Context : 3 [90 min] + Discussion [90 min]

23. Strings
24. Memory management
25. Classes and Objects → In depth in Development
26. Context : 4 [120 min] + Discussion [90 min]

Is my computer dumb? Yes

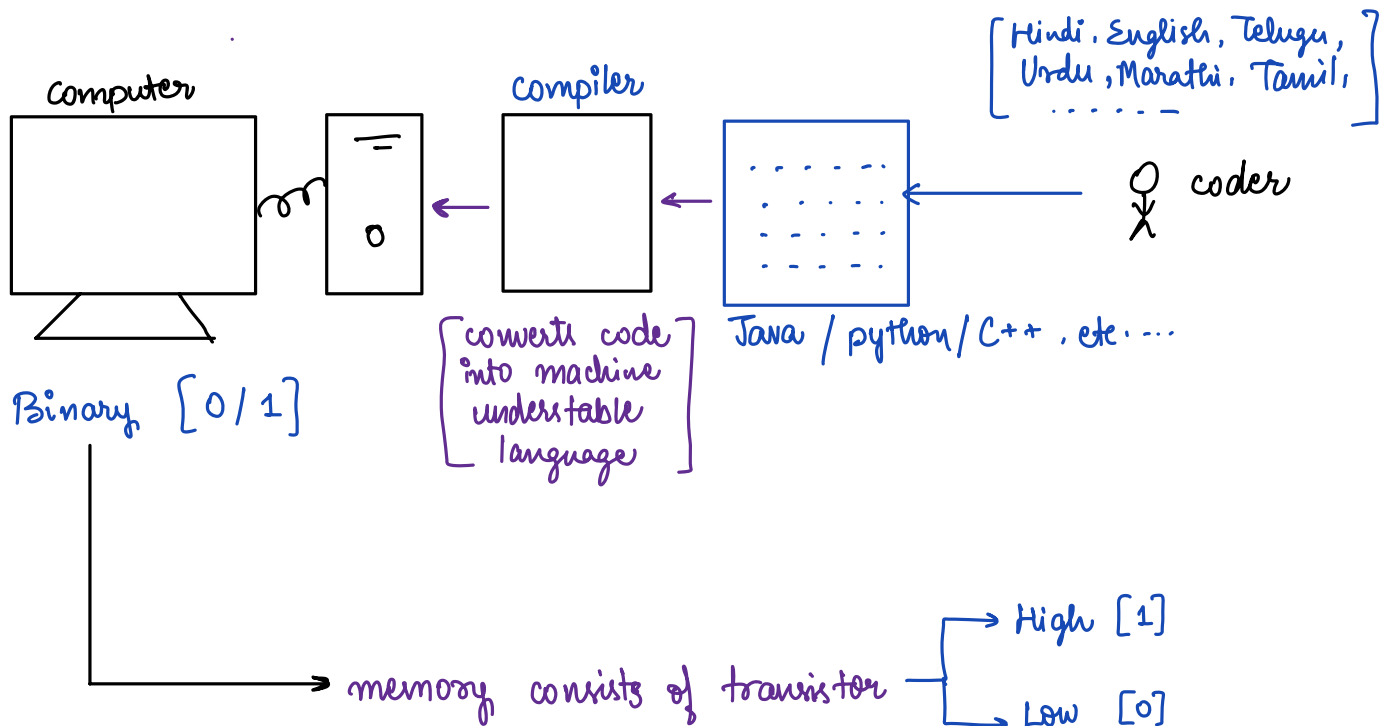


No!!

need specific instructions

1. Open browser
2. search for the movie : Pushpa
3. play pushpa movie

How to give instructions to computer?



[tool for developers for software editing, testing]

IDE → Integrated Development Environment [Editor]

↳ Eclipse, VSCode, IntelliJ, . . . . .

No software installation required

Online Editor: `ide.new` [Interviewbit]

Search Interviewbit → Sign in → Fill your details →  
Online ide → Online Java compiler

I love to code.

I garden cook to.

Grammar is not correct

Grammar → Rules of writing English

Programming Languages → Java, C++, Python

Rules of writing code → Syntax

System.out.print(10);

System.out.print(20);

| ← cursor

System.out.println(10);

System.out.println(20);

Enter Key → cursor moves to  
next line

print → type the output

println → type the output and press Enter

↳ cursor moves to  
next line

Output :

1020 | ← cursor

10

20

↑  
cursor

## Summary:

### Rules of JAVA →

1. End statements with a semi-colon (;)
2. JAVA is case sensitive  
↳ e.g. System and system are different
3. To print text, use double quotes (" ")
4. { }, ( ), " " → there will be in pairs
5. print → type the output  
println → type the output and press Enter  
[cursor moves to next line]
6. Comments → statements that compiler will ignore

Single line comments → //

Multi line comment →  
/\*  
-----  
-----  
\*/