



# JAVA LANGUAGE

Get the skills to get ahead, stay relevant and earn more

Book your seat now



Reviews 2,500+ • Excellent



**12800+**  
STUDENTS  
TRUST US



## About INCAPP

INCAPP Coding Institute, established in 2011, was founded with the goal of addressing the global tech skills shortage. Our commitment lies in offering high-quality training programs to students, professionals, and organizations. We strive to empower individuals with coding skills, facilitating personal and professional growth, and assisting organizations in enhancing their workforce's productivity and effectiveness. Our company boasts a team of seasoned instructors, experts in their fields. We employ the latest teaching methodologies and technologies to provide engaging and interactive training programs.

## OUR SUCCESS STREAK



14 years  
of training  
expertise



12800+  
students



Placements  
in leading  
organisations

## Founders

“

We foster innovation and empower aspiring coders. As founders, we are excited to welcome you aboard. Whether you're new to coding or already experienced, our hands-on curriculum and expert instructors will guide you. Coding is more than just writing lines; it involves creativity and problem-solving. Embrace challenges and celebrate your successes, knowing that coding is a journey of continuous growth. Let's get started!

”

**RAHUL CHAUHAN****PRAVEEN CHAUHAN**

**Oracle & Microsoft Certified**  
**Founders & Instructors**

## How We Help You To Learn



Step

1

### Expert Instructors

Top-class instructors, experts in their fields, teach through practical training.

Step

2

### Assignments

Understand all concepts through well-structured assignments.

Step

3

### Doubt Resolutions

Dedicated assistance provided to clarify doubts, featuring two types of instructors: Class Instructor and Lab Instructor.

Step

4

### Projects

Gain a comprehensive understanding of the technology through project work, guided by your instructor.





# Why INCAPP Coding Institute

Students deserve the finest learning environment.  
At INCAPP, we guarantee a superior learning experience and  
personalized support to ensure your success.



Top-Notch  
Classroom with  
Expert Instructor



Comprehensive  
Study Materials



Continuous  
Feedback and  
Monitoring



Guaranteed  
Course  
Completion



Project-Based  
Learning



Course  
Completion  
Certification



Dedicated  
Support for  
Doubt Resolution



Placement  
Assistance



Individual  
Attention to  
Each Student



In-Class  
Assignment  
Sessions



## Trainers at INCAPP



### Expert in Advanced Technologies

Trainer having in depth knowledge and expertise in advanced technologies.



### Excellent explanation

Explains the concepts in easy and fun manner.



### Punctual and Disciplined

Values time with punctuality and disciplined scheduling.



### Simplifies Complex Concepts

Breaks down complex concepts into easy-to-understand lessons.



### Professional & Efficient

Efficient and focused without wasting students' valuable time.



### Certified in their fields

Certified in Python, Java, and other essential technologies skills.



### Years of Technical Experience

Years of practical experience in technical projects and training.



### Committed to student success

Guides students with personalized mentorship ensure students achieve their learning goals.



## The world's leading tech companies and startups hire our students



& many more



## 5 Reasons To Learn Java



**Versatile Usage:** Java is used in diverse applications, from web to mobile development.



**Strong Community Support:** Java boasts a large, active community for resources and support.



**Cross-Platform Compatibility:** Java's "write once, run anywhere" approach ensures wide usability.



**High Performance:** Known for its efficiency, Java is ideal for large-scale, robust applications.

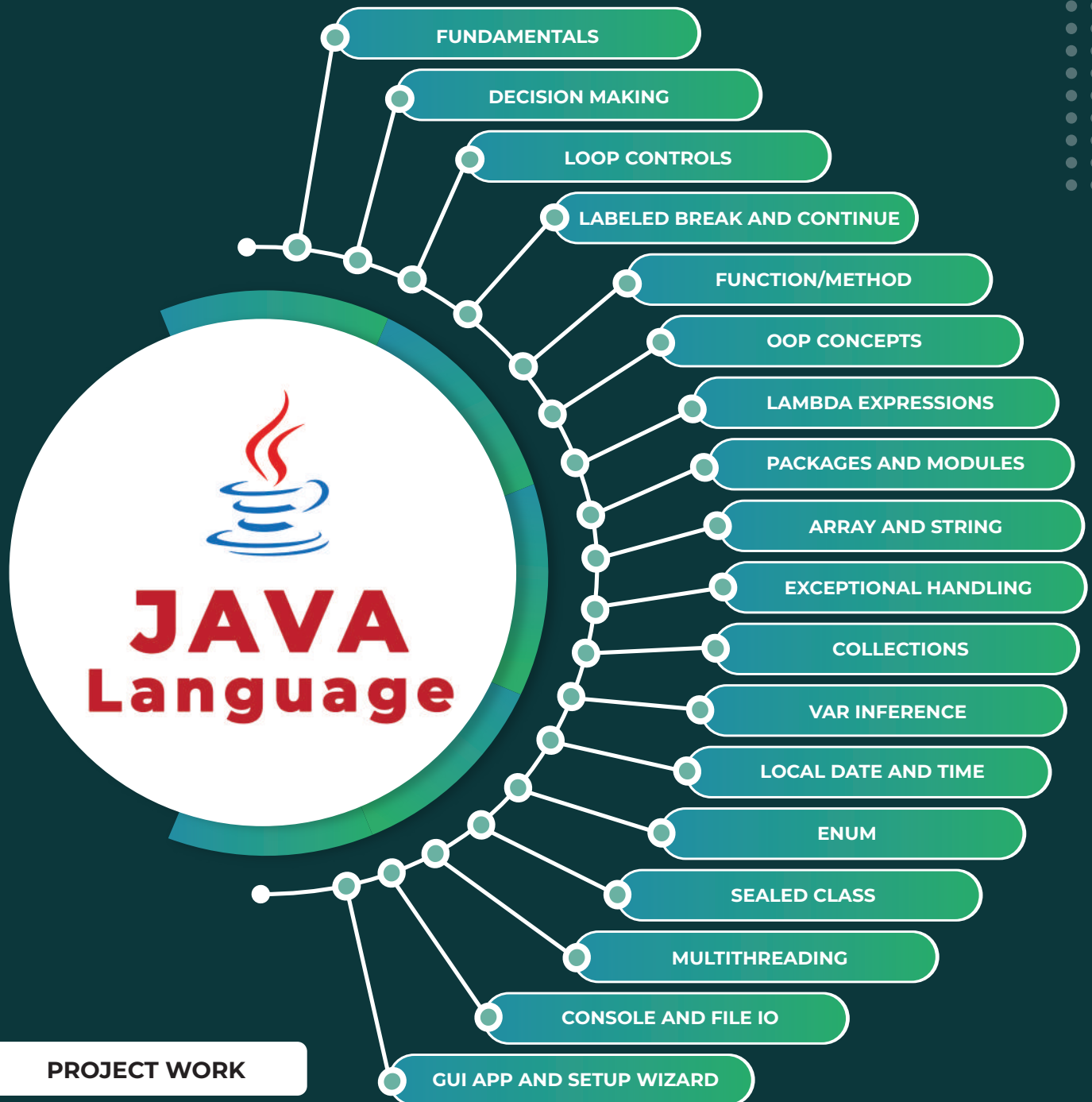


**Career Opportunities:** Learning Java opens doors to numerous job prospects in various tech fields.





# Java Mastery



- PROJECT WORK
- 200+ ASSIGNMENTS
- INTERVIEW QUESTIONS ON EACH TOPIC



# Course Overview:

Java is a versatile programming language used for developing a wide range of applications, from mobile apps and web applications to enterprise-level systems and server-side technologies. Known for its platform independence, security features, and strong memory management, Its object-oriented nature facilitates modular programming and reusable code, making it a staple in both academic teaching and professional software development.

## JAVA



### Introduction

- Introduction and History of Java
- Features of Java
- Compilation and Execution process
- Java Platform Independency
- Understanding JVM, JRE and JDK
- Download and Install development tools
- Creating first Java application using Command Line

### Assignments and Interview Questions

### Fundamentals

- Tokens in Java
- Gapping rule of Tokens
- Literals
- Data Types (Primitive and Non-Primitive)
- TypeCasting (Upcasting & Downcasting)
- Operators
- Difference between printf, format, print and println
- Getting Input from Keyboard
- java.util.Scanner
- Creating first Java application using IDE

### Assignments and Interview Questions

### Decision Making

- If statement
- If-else statement
- Nested If-else statement
- If-else-if statement
- Switch statement

### Assignments and Interview Questions

### Loop Controls

- For loop
- While loop
- Do-while loop
- Break and Continue Keyword
- Nested Loop
- Labeled break and continue
- Pattern Printing

### Assignments and Interview Questions

### Function/Method in JAVA

- Need of Function
- Types of Function
- Function with no argument and no return type
- Function with argument and no return type
- Function with no argument but return type
- Function with argument and return type
- Function with simple return keyword



- Difference between Function and Method

#### Assignments and Interview Questions

#### OOP Concepts

- Understanding Object Oriented Programming (OOP)
- Who created OOP's Concepts and Why?
- Understanding OOP's Concepts in real world
- Defining your own class
- Creating object of a class

#### Assignments and Interview Questions

#### Encapsulation

- Understanding Encapsulation in Class
- Public and private access specifiers

#### Assignments and Interview Questions

#### Static Keyword

- Need of static member
- Static variable
- Static method
- Static initialize block
- Static Vs Instance members

#### Assignments and Interview Questions

#### Constructor

- Syntax of Constructor
- Need of Constructor
- Creating Constructor
- Default Constructor
- Types of Constructor
  - Non-Parameterized Constructor
  - Parameterized Constructor
- Constructor Overloading
- Constructor Chaining (this keyword)

#### Assignments and Interview Questions

#### Initialize Block

- Syntax of Initialize Block

- Need of Initialize Block
- Creating Initialize Block

#### Assignments and Interview Questions

#### Inheritance

- Syntax of Inheritance
- Need of Inheritance
- Sub (child) and Super (parent) classes
- Working of private member in Inheritance
- Working of static member in Inheritance
- Working of constructor in Inheritance
- Working of initialize block in Inheritance
- Constructor Chaining in Inheritance (super keyword)
- This and Super as Member calling
- Types of Inheritance

#### Assignments and Interview Questions

#### Polymorphism

- Understanding Polymorphism
- Need of Polymorphism
- Compile-time Polymorphism
  - Method Overloading
- Runtime Polymorphism
  - Method Overriding
  - Non-Primitive TypeCasting
- Data Hiding
- Method Hiding
- Abstraction
  - Abstract class
  - Abstract method
  - 100% abstract class
- Interface
  - Understanding need of Interface
  - Inheritance of interface in interface
  - default and static method in interface
  - private method in interface

#### Assignments and Interview Questions

#### Final Keyword

- Understanding Final Keyword



- Final Variable
- Final Method
- Final Class

#### Assignments and Interview Questions

##### Nested Class

- Syntax of Nested Class
- Need of Nested Class
- Non-Static Nested Class
- Static Nested Class
- Local Nested Class
- Anonymous Nested Class

#### Assignments and Interview Questions

##### Lambda Expression

- Syntax of Lambda Expression
- Need of Lambda Expression
- Types of Lambda Expressions

#### Assignments and Interview Questions

##### Packages and Modules

- Understanding Package
- Need of Package
- Creating and using packages
- Importing a Package (import keyword)
- Understanding protected access modifier
- Sub Packages
- import static in packages
- Predefined packages
- Java Beans
- Singleton Class
- Covariant Return Type
- Modules

#### Assignments and Interview Questions

##### Arrays

- Syntax of Array
- Need of Array
- Creating Array
- For-each loop
- Operations on Array
- Array passing in methods
- Anonymous Array

- Arrays class and methods
- Non-Primitive Array( Array of Reference Type)
- Multi Dimensional Array
- Operations on Multi Dimensional Array

#### Assignments and Interview Questions

##### Strings

- Understanding String
- Creating String using char Array
- Creating String using String Class
- String pool and heap memory
- String Immutability
- Methods of String Class
- String Mutability
- Understanding StringBuffer & StringBuilder
- Methods of StringBuffer & StringBuilder Class
- StringTokenizer
- split() method of String

#### Assignments and Interview Questions

##### Wrapper Classes

- Need of Wrapper Class
- Boxing, Unboxing and AutoBoxing
- Parsing the String into Primitives
- Converting Primitives into String

#### Assignments and Interview Questions

##### Var-args & CLA

- Var-args
- Command Line Arguments (CLA)

#### Assignments and Interview Questions

##### Exception Handling

- Understanding Exception
- Types of error
- Try and catch block
- Nested try and catch block
- Try with multiple catch



- Handle multiple exception using single catch
- Exception classes hierarchy
- Finally block
- Checked and Unchecked Exception
- throw and throws keyword
- Creating your own(custom) Exceptions
- Try with Resource

### Assignments and Interview Questions

#### Collections

- Understanding Collection Framework
- Collection Interfaces
  - List
  - Set
  - Map
- Collection Classes
- For-each loop
- Accessing collection via Iterator
- Difference between ArrayList and Vector
- Working with Maps
- The Legacy Classes and Interfaces
- Generic Collection

### Assignments and Interview Questions

#### Var Inference

#### Local Date and Time

#### Enum

#### Sealed Class

#### Multi Threading

- MultiTasking vs MultiThreading
- Creating a Thread
- Creating Multiple Threads
- Understanding thread lifecycle
- Suspending, Resuming and Stopping Threads
- Synchronization
- Inter Thread Communication (Wait and Notify)

#### Console IO

- Understanding IO
- Concept of Streams
- Byte and Character Streams
- Scanner Class with System.in
- Understanding System.out.println() method

#### File IO (File Handling)

- Understanding File IO
- Reading data from file
- Writing data to the file
- Working with File IO Classes
  - FileInputStream
  - FileOutputStream
  - FileReader
  - FileWriter
  - PrintStream
  - PrintWriter

### Assignments and Interview Questions

#### GUI Programming

- Gui Application
- Event Handling

### Assignments and Interview Questions

#### Setup

- Creating Executable software
- Creating Setup wizard of your software

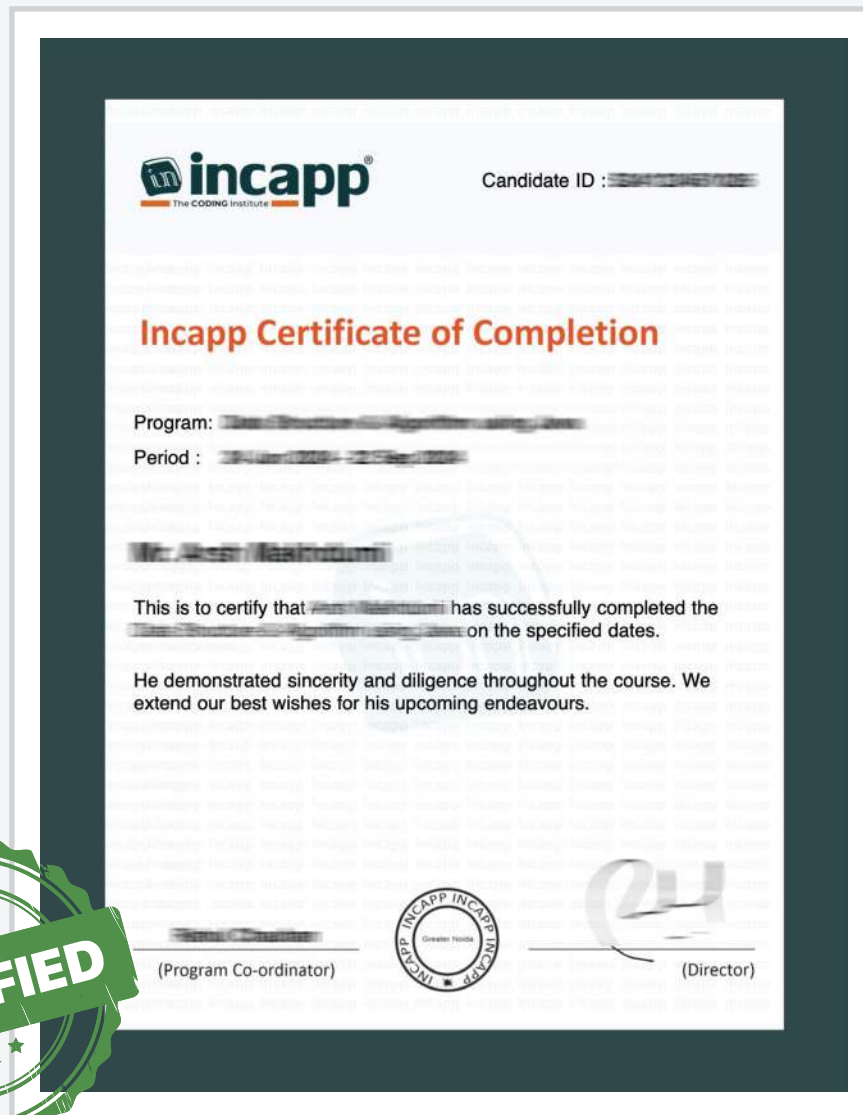
#### Project Work







## Certificates



Upon completion of Course/Program, you will receive certificate from Incapp. This certificate validates your skills as an expert in the technology.



## Our Impact

Students Successfully  
Trained

12800+

14+

Years of Experience

Students Recommend  
Us to Their People

99%

100%

Course Completion  
Rate

Projects Developed

100+

4.9/5

Google Rating



## What our students say about us

**Satyam Kumar**

2 reviews · 1 photo



a week ago

NEW

Your teaching in Java Technology has been truly exceptional. Your deep expertise, clear explanations, and practical examples have significantly enhanced my understanding of the subject. Thank you for your dedication and for making learning Java so engaging and enjoyable.

**Rajan Roy**

Local Guide · 19 reviews · 12 photos



a week ago

NEW

I have completed the Java Core and DSA with Java courses from Incapp. Rahul Sir taught us coding in a very clear and understandable manner. The teaching style was easy to follow. Additionally, Incapp offers numerous backup classes and doubt-clearing sessions. The faculty at Incapp are very helpful and always available to solve any problems you may have. I definitely recommend Incapp if you want to grow, improve your skills, and achieve your dreams. Thank you

**Jyoti Maurya**

1 review



2 weeks ago

NEW

By choosing this platform is blessing for me. It is just amazing and interesting to learn here don't be late. It's totally a worth decision to boost your knowledge.

And this place is very safe and secure especially for girls so don't be concerned about safety and location.

**Yuvesh kasana**

1 review



3 months ago

I just wanted to express my gratitude for the excellent coaching sessions you've been providing for Java. Your teaching style is incredibly clear and effective, making complex concepts easy to understand. I appreciate your patience in addressing all of my questions and your willingness to provide additional resources for further learning. Thanks to your guidance, I feel much more confident in my Java skills and excited to continue improving. Keep up the fantastic work!

## What our students say about us

**Anoop Shankar**

1 review

★★★★★ 2 months ago

Being the student of INCAPP is the best start to be the best in your field. Rahul Sir himself is mentoring many of us so that we as a developer will lead the IT sector. Here in INCAPP each one of you will be nurtured for the better future.

**bulbul Dwivedi**

2 reviews

★★★★★ 3 months ago

Incapp excellent communication skills with students A great review of python course essentials for programming in Incapp & a better understanding of coding, testing & applying style guidelines as per thoroughly given by instructor Mr. Praveen Chauhan

**Tanu Kumari**

2 reviews

★★★★★ 11 months ago

The coaching provided by Incapp for Web designing was exceptional.  
The coach's expertise in Java was evident throughout the coaching sessions.  
The coaching style was effective in breaking down complex concepts into easily understandable parts.  
The coach provided clear explanations and examples, making it easier to grasp.  
Overall, I am highly satisfied with the coaching provided by Incapp for Web designing.

**Aditya Kaushik**

1 review

★★★★★ a week ago **NEW**

I did Core Java and data. Structure and algorithm. Algorithm In Incapp. by "Rahul chauhan "Sir It has really helped me understand.. the Care Concept in my Course and I fell more Confident in what I am doing Thanks Rahul chauhan

& many more

## What our students say about us

**Lakshay Sharma**

1 review · 1 photo

★★★★★ 2 months ago

I took c course from INCAPP. It was very resourceful for me. Coming from a non technical background I never understood c at my college, but in INCAPP Praveen chouhan sir made c language seem very easy and interesting. Now I feel more confident!

**Samriddh Pandey**

2 reviews

★★★★★ a month ago

"At first, I thought this was just a regular coding institute like the others, but it's different. The instructors are highly trained and dedicated to ensuring you fully understand the material. It's an excellent place to learn coding."

**Yuvraj Singh**

1 review

★★★★★ a year ago

It was an amazing experience with this institute, awesome way of teaching. My advice is to must join this for better learning and your bright future.. At the end all that I can say is just awesome..

**Satyam Singh Bhudev**

3 reviews · 1 photo

★★★★★ 4 months ago

Your teaching in Java Technology has been truly exceptional. Your deep expertise, clear explanations, and practical examples have significantly enhanced my understanding of the subject. Thank you for your dedication and for making learning Java so engaging and enjoyable.

& many more



## Courses we offer

▶▶▶▶▶

**JAVA**  
FULL STACK  
DEVELOPMENT

PROGRAM



▶▶▶▶▶

**PYTHON**  
FULL STACK  
DEVELOPMENT

PROGRAM



▶▶▶▶▶

**WEB**  
FULL STACK  
DEVELOPMENT

PROGRAM



▶▶▶▶▶

**C & C++**  
LANGUAGE




▶▶▶▶▶

**JAVA**  
LANGUAGE



▶▶▶▶▶

**DATA STRUCTURE  
& ALGORITHMS**  
USING JAVA



▶▶▶▶▶

**JAVA  
BACKEND**  
(Adv. Java & Spring & Hibernate Framework)



▶▶▶▶▶

**OCFA JAVA**  
CERTIFICATION



▶▶▶▶▶

**OCP JAVA**  
CERTIFICATION



▶▶▶▶▶

**PYTHON**  
LANGUAGE



▶▶▶▶▶

**DATA  
ANALYTICS &  
SCIENCE**



▶▶▶▶▶

**DJANGO**  
FRAMEWORK



▶▶▶▶▶

**WEB  
DEVELOPMENT**



▶▶▶▶▶

**ADVANCED  
WEB FRONT END  
(React JS)**



▶▶▶▶▶

**WEB  
BACK END**  
(Node JS & MongoDB & Express JS)






Are you ready to elevate your career?



# Get In Touch

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 [www.incapp.in](http://www.incapp.in)

 5th Floor, OM TOWER, Commercial Belt,  
Alpha I, Greater Noida, UP

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INCAPP website