Jaipur Engineers

Your One-Stop IT & Staffing Ecosystem

DIPLOMA PROGRAMS

Diploma in Java Programming

SAMPLE PROJECT

Training Centre Administration System



COURSE FEE

Fee on enquiry

JAIPUR, RAJASTHAN

+91 70146 92039

Diploma in Java Programming

Core concepts



01	Java language, object-oriented design and collections
02	Exceptions, streams, generics and file I/O
03	SQL, JDBC and transaction handling

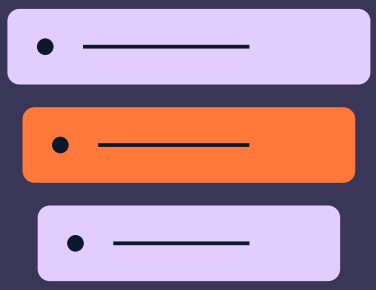
Scope the work

List the deliverables and identify which skills each one demonstrates.

Diploma in Java Programming

Applied skills

- **Design**
- **Build**
- **Demonstrate**



04	Java web foundations, Servlets and JSP
05	Spring Boot, REST APIs and JPA concepts
06	Unit testing, capstone and interview practice

PROJECT DELIVERABLES

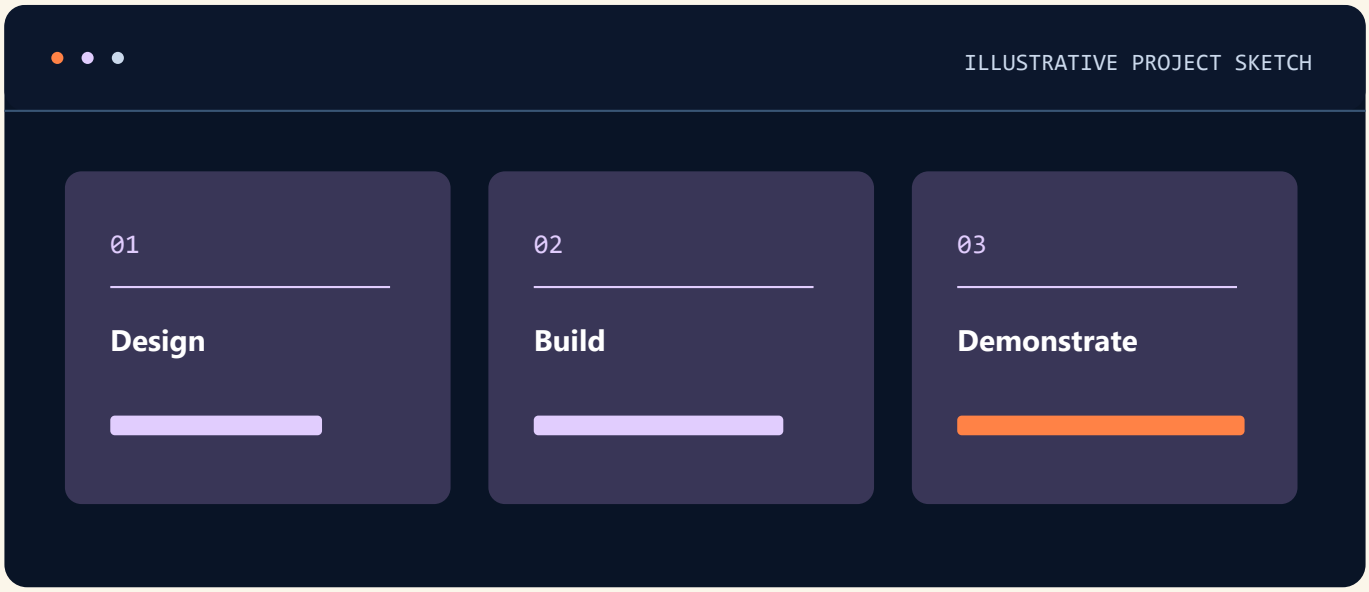
A portfolio brief, documented milestones and a demo or track-selection summary.

Diploma in Java Programming

Portfolio project

Training Centre Administration System

Build a Java training administration app with reusable business rules and reliable SQL-backed records.



Scope the work

List the deliverables and identify which skills each one demonstrates.

Review milestones

Record completed work, feedback and the changes made before the demonstration.

A portfolio brief, documented milestones and a demo or track-selection summary.

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Course fees

COURSE FEE

Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

+91 70146 92039

info@jaipurengineers.com

122/228, Indra Path, Thadi Market

Mansarovar, Jaipur, Rajasthan 302020

SCAN FOR MAP

Check course details

Diploma in Java Programming

Course content

MODULES 01–02

01

Lessons & practice

- Java language
- Object-oriented design
- Collections

HANDS-ON — Build a Java console module with classes, interfaces and collections.

02

Lessons & practice

- Exceptions
- Streams
- Generics
- File I/O

HANDS-ON — Process a file with streams and handle a malformed record.

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Course content

MODULES 03–04

03

Lessons & practice

- SQL
- JDBC
- Transaction handling

HANDS-ON Persist data through JDBC and demonstrate rollback on a failed update.

04

Lessons & practice

- Java web foundations
- Servlets
- JSP

HANDS-ON Create a Servlet/JSP form and trace it to the Java service.

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Course content

MODULES 05–06

05

Lessons & practice

- Spring Boot
- REST APIs
- JPA concepts

HANDS-ON Build a Spring Boot endpoint and map records using JPA.

06

Lessons & practice

- Unit testing
- Capstone
- Interview practice

HANDS-ON Run unit tests and present the application and data model in a mock interview.