
PLURALSIGHT

Learn-to-Code Java

Welcome!

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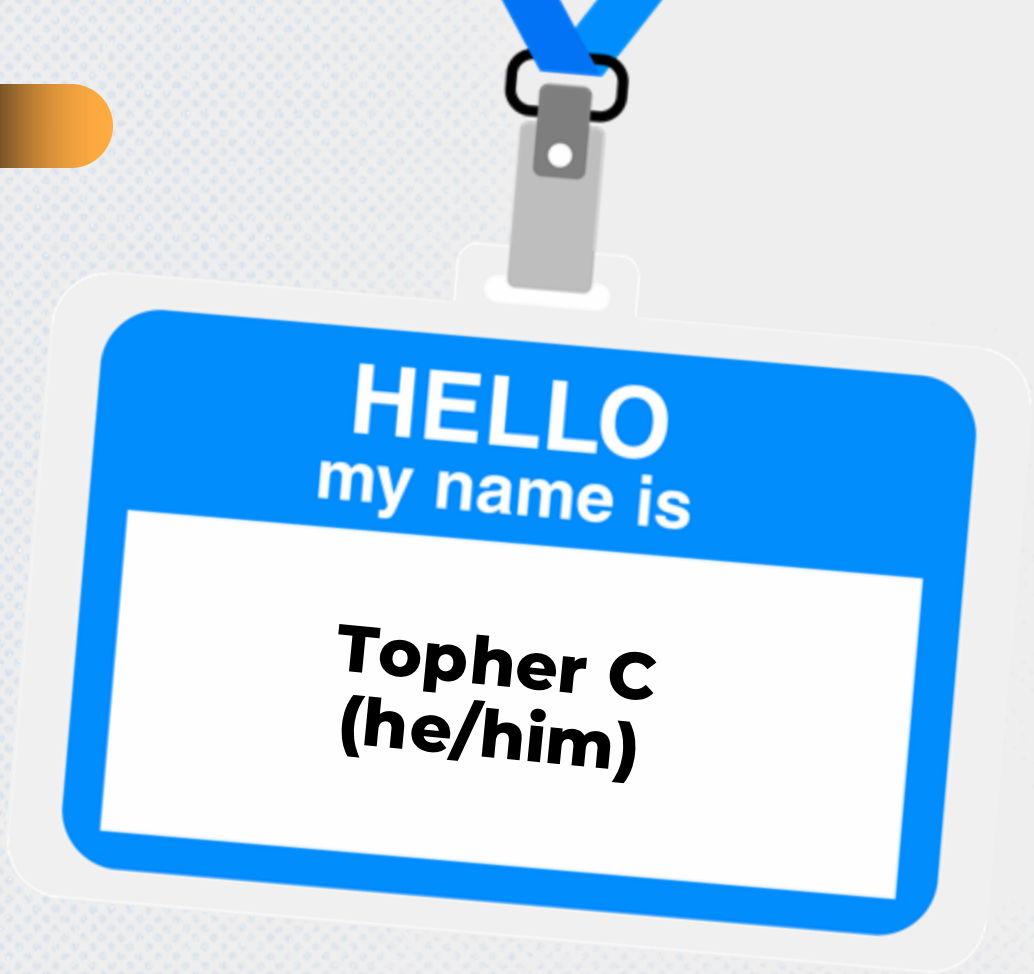

About Me:

- Lives in Pittsburgh, PA
- From the Carolinas
- Has programming for over a decade, now teaching over 19 different languages and skills
- Loves to hike with his dogs
- Has an affinity for live music

Prerequisites

This course assumes you:

- Are excited to learn!

Why study this subject?

- Java is one of the most widely used programming languages
- Learning one language helps you learn others
- Java is platform independent

We teach technology:

SOFTWARE DEVELOPMENT

- Frontend web development
- Backend web development
- Mobile development
- Software testing
- Software architecture
- Version control
- Java
- Python
- JavaScript
- C#, C++
- Ruby
- Swift
- Kotlin
- TypeScript
- PHP
- Go

PRODUCT + PROJECT MANAGEMENT

- Tech Leadership skills
- Scrum
- Stakeholder management
- Business analysis
- Project management
- User experience design
- Project estimation
- Product strategy
- Quality management
- Project requirements
- JIRA
- Product Management
- Agile Development
- Product owner
- Change management
- PMP prep
- Risk Management
- Agile and scrum certifications

CLOUD

- Amazon Web Services
- Microsoft Azure
- Google Cloud Platform
- Multi-cloud
- Certifications
- Cloud literacy
- Cloud transformation
- Cloud management and monitoring
- Cloud security
- Serverless workloads
- Big data/ML/AI in the cloud
- Cloud identity access management
- Cloud cost control and optimization
- DevOps in the cloud
- Cloud compute and containerization
- Cloud network management and configuration

GENERATIVE AI

- Generative AI
- Languages and Libraries
- Chat Bots
- Speech Recognition
- Image Recognition
- Sentence Classification

SECURITY

- Certification prep (CompTIA)
- Security literacy and fundamentals
- Security architecture and engineering
- Security development
- Security operations
- Security testing
- Governance, compliance, and risk
- Secure Coding
- Cybersecurity
- Information Security

IT OPS

- IT fundamentals and practices
- Identity management
- Configuration management
- Containers
- DevOps
- Endpoint management
- IT automation
- Management and monitoring
- Messaging and collaboration
- Mobile device management
- Network infrastructure
- Operative systems and stacks
- Server infrastructure
- Storage
- Virtualization
- Container orchestration
- Desktop administration
- Certifications
- ITIL

DATA

- Data analytics
- Data engineering
- Data management
- Data science
- Data literacy
- Machine learning
- AI
- NLP

PLURALSIGHT

My pledge to you:

I will..

- Make this course interactive
- Ask you questions
- Ensure everyone can speak
- Create an inclusive learning environment
- Use an on-screen timer for breaks

...also, if you have an accessibility need, please let me know!

Objectives

At the end of this course, you will be able to:

- Describe what Java is and what problem it solves
- Comprehend and work with Java applications
- Learn modern Java syntax and take advantage of the latest features

Agenda

- Review programming, 1000 foot view
- Practice critical thinking skills
- Command Line
- Git version control system and Github

How we're going to work together

- You'll have a copy of all the course materials
- You'll be following along and..
  - doing coding exercises/labs as well

Student Instructions

- Job title?
- Where are you based?
- What is your related experience, if any?
- Fun fact?

Let’s get started!