ORACLE
Academy

Workshops

Spark student curiosity, interest, and engagement in computing with fun hands-on workshops.

Oracle Academy workshops make first experiences with computing fun and engaging for students — while serving educators by leveraging best academic curriculum practices like project-based learning and assessment tools.

Oracle Academy workshops provide educators with the opportunity to:

- Ensure that the introduction to exploring technology is fun and appealing
- Incorporate technology into the teaching of various academic disciplines
- Offer a sample of computing to students through extracurricular programs and events

Java Workshops

Java Workshops introduce beginning learners to object-oriented programming using game-based learning methodology, drag and drop interfaces to create 3D animations and 2D games, and interactions with the Finch Robot.

Getting Started with Java Using Alice is designed for students with little or no programming experience and teaches basic Java programming concepts through developing 3-D animations in Alice 3.1.

8 Hours

Creating Java Programs with Greenfoot engages students who understand basic programming concepts to create 2-D games using Java.

16 Hours

Java Puzzle Ball uses a game-based learning methodology to build an understanding of Java. As students play, they develop robust conceptual models for complex key Java programming concepts.

12 Hours

Programming the Finch Robot in Greenfoot encourages students who have completed Creating Java Programs with Greenfoot to program an interface that makes the Finch Robot interactive using its light, proximity, and temperature sensors using Java in Greenfoot.

4 Hours

Programming the Finch Robot in Java encourages students who have completed the Creating Java Programs with Greenfoot and Programming the Finch Robot in Greenfoot to program an interface that makes the Finch Robot interactive using its light, proximity, and temperature sensors using Java.

4 Hours

Database Workshop

Solve It with SQL introduces databases to beginners, challenging students to play the role of a superhero and solve a series of crimes using a cloud-based database development environment.

8 Hours

STEM Science Workshop

RelativityLand presents Einstein's special theory of relativity and is centered on a series of interactive JavaScript simulations through which students can manipulate a flying saucer to explore famous paradoxes and take measurements.

4 Hours

Generative Artificial Intelligence (AI) Workshops

Generative AI workshops present beginner level content using the integration and application of AI technologies within Oracle Cloud Free Tier* services, applications, and infrastructure.

Embedding Generative AI in an APEX Application provides an introduction on how to get started with AI on Oracle Cloud, by creating an Oracle APEX application and configuring Generative AI services in APEX.

6 Hours

Using AI to Create SQL and an APEX Application introduces how to generate SQL code and create a fully functioning application simply by using an AI Assistant.

6 Hours

*Students must be the age of legal majority in their country of residence to access an Oracle Academy Cloud account.

All Oracle Academy workshops also are offered as Workshops in a Box, so volunteers, computer club sponsors, and educators who may not specialize in teaching computer science can offer students a fun, hands-on introduction to technology.

Oracle Academy, Oracle's global philanthropic educational program, is open to academic institutions and their educators to help advance student technology education, skills, innovation, and inclusion. We offer free teaching and learning resources — including curriculum, cloud, software, and more — that help develop key knowledge, hands-on practice, and career-relevant skills.

Join Oracle Academy today and access all the benefits of membership.

Learn more about Oracle Academy workshops **academy.oracle.com/workshops**

CONNECT WITH US. #Oracle Academy | @OracleAcademy