Oracle Academy hands-on workshops make first experiences with computing fun and engaging for students—which serving educators by leveraging best academic curriculum practices like project-based learning and assessment tools. Suitable for students in late primary school grades and secondary school, Oracle Academy workshops provide educators with the opportunity to:

- Ensure that the introduction to computing is fun and appealing
- Incorporate computing 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 drag and drop interfaces to create 3D animations and 2D games, and interact 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

**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.

8 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.

8 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
### WORKSHOP LANGUAGE AVAILABILITY

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<tr>
<th>Course</th>
<th>Arabic</th>
<th>Brazilian Portuguese</th>
<th>English</th>
<th>French</th>
<th>Indonesian</th>
<th>Japanese</th>
<th>Romanian</th>
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All five 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 a fun, hands-on introduction to computing to students.

As Oracle's global, philanthropic educational program, Oracle Academy advances computing education around the world to increase knowledge, innovation, skills development, and diversity in technology fields. The program engages with thousands of educational institutions and educators in more than 120 countries, helping millions of students become college and career ready.

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

Learn more about Oracle Academy workshops at [academy.oracle.com/workshops](https://academy.oracle.com/workshops)