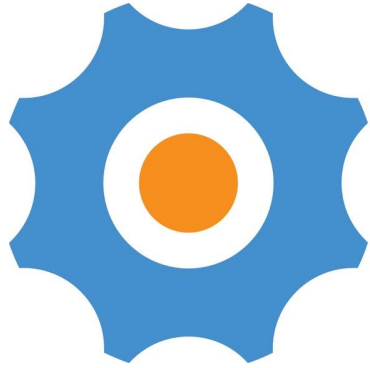




Google Code-in



Google Code-in

What is open source?

- Computer software where the source code is distributed under an open source license that allows anyone to study, change, improve and distribute the software.
- Promotes collaboration
- Community of developers



Google Code-in

What is Google Code-in?

- Online, global contest for 13-17 year old pre-university students
- Introduction to open source software development
- Students have the opportunity to work with real open source organizations
- Students earn prizes for their work

How does Google Code-in work?



Google Code-in

- 27 Orgs create tasks for students to work on
- Students choose tasks that interest them
- Tasks take 3-5 hours to complete
- 1+ mentor assigned to each task
- Student submits work for review
- Mentor reviews work
- If accepted, student can claim another task



Google Code-in

Types of Tasks

Generally take 3-5 hours to complete

- Coding
- Documentation/Training
- Design
- Outreach/Research
- Quality Assurance



Google Code-in

Beginner tasks

- Great way to get started in the contest
- Become familiar with how the org works
- Build confidence
- Students can complete up to 2 beginner tasks



Google Code-in

Why should you participate?

- Apply skills from class to a real software org
- Learn new skills: creating patches, using version control, distributed development, working collaboratively
- Become part of the community
- Easy entry, mentors there to help guide you (online)
- OS software isn't just about coding - variety of types of tasks
- See your work being used by thousands, even millions, maybe even become a committer on a project

Prizes



Google Code-in

- 1 task = Digital Certificate of completion
- 3 tasks = Google t-shirt and a digital certificate
- 6 Finalists from each org = hooded sweatshirt, t-shirt, digital certificate
- Grand Prize Winners (2 from each org)

Grand Prize Winners



Google Code-in

- Each open source organization will choose 2 Winners
- Winners are chosen from the 20 students who complete the most tasks from each organization
- Organizations will evaluate a student's work based on creativity, thoroughness and quality of work, community involvement
- Grand Prize winners receive 4 day trip for themselves and a parent to Google's headquarters in the summer of 2019



Google Code-in

How can I prepare for GCI?

- Read through the Guides on **g.co/gci**: Getting Started, How to use IRC, Etiquette, FAQs
- Contest Rules - you and your parent should read them
- Look at tasks completed by students last year - Samples
- Browse the 2018 accepted organizations
- Questions for Google Administrators:
gci-support@google.com



Google Code-in

Timeline for GCI 2018

September 18: Mentoring organizations announced

October 23: Contest starts for students

December 10: Last day for students to claim tasks

December 12: Contest ends

January 7, 2019: Winners and Finalists announced

2018 Mentor Organizations



Google Code-in

- [AOSSIE](#): Australian umbrella organization for open source projects.
- [Apertium](#): rule-based machine translation platform.
- [Catrobat](#): visual programming for creating mobile games and animations.
- [CCExtractor](#): open source tools for subtitle generation.
- [CloudCV](#): building platforms for reproducible AI research.
- [coala](#): a unified interface for linting and fixing code, regardless of the programming languages used.
- [Copyleft Games Group](#): develops tools, libraries, and game engines.
- [Digital Impact Alliance](#): collaborative space for multiple open source projects serving the international development and humanitarian response sectors.
- [Drupal](#): content management platform.
- [Fedora Project](#): a free and friendly Linux-based operating system.
- [FOSSASIA](#): developing communities across all ages and borders to form a better future with Open Technologies and ICT.
- [Haiku](#): operating system specifically targeting personal computing.
- [JBoss Community](#): a community of projects around JBoss Middleware.

2018 Mentor Organizations (cont)



Google Code-in

- [Liquid Galaxy](#): an interactive, panoramic and immersive visualization tool.
- [MetaBrainz](#): builds community maintained databases.
- [MovingBlocks](#): a Minecraft-inspired open source game.
- [OpenMRS](#): open source medical records system for the world.
- [OpenWISP](#): build and manage low cost networks such as public wifi.
- [OSGeo](#): building open source geospatial tools.
- [PostgreSQL](#): relational database system.
- [Public Lab](#): open software to help communities measure and analyze pollution.
- [RTEMS Project](#): operating system used in satellites, particle accelerators, robots, racing motorcycles, building controls, medical devices.
- [Sugar Labs](#): learning platform and activities for elementary education.
- [SCoRe](#): research lab seeking sustainable solutions for problems faced by developing countries.
- [The ns-3 Network Simulator Project](#): packet-level network simulator for research and education.
- [Wikimedia](#): non-profit foundation dedicated to bringing free content to the world, operating Wikipedia.
- [KDE Community](#): produces FOSS by artists, designers, programmers, translators, writers and other contributors.







Google Code-in

Questions?

gci-support@google.com

<http://g.co/gci>