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**Dyalog Announces Winners of Worldwide Computer Programming Contest 2009**

**250 download free educational license resulting in 27 submissions from all regions of the globe**

**Basingstoke – UK, 10th August 2009:** Dyalog Ltd., that markets Dyalog APL - the most commonly used APL programming language throughout the world - is pleased to announce the top prize winners of their Worldwide Computer Programming Contest 2009.

First Prize Winner; [Ronald Chan](#) from Auckland, New Zealand. The First Prize includes a round trip to the [Dyalog '09 Conference](#) in Princeton New Jersey USA September 13-16 2009 where Ronald will receive the award in person and present the work that lead to winning the prize.

Second Prize Winner is [Chris King](#) from Brown University, Rhode Island USA and Third Prize winner is [Maks Verver](#) from the Netherlands.

The Judges justification for Ronald's winning submission reads:

*"Ronald's submission showed impressive insight and analysis of the problems and the underlying mathematics, good use of classes. His submission ran considerably faster than any other entry. Ronald documented his solutions very well and many of his solutions were of a form to solve more general problems than the specific Project Euler problem presented. His efforts included error checking to capture invalid inputs".*

Ronald, soon to be Bachelor of Engineering (Hons.) – Mechatronics Engineering (Accelerated Pathway) is an experienced competitor at maths Olympiads and international computer contests. He comments, "I am quite excited to have achieved this placing, and look forward to the trip to the conference in September. I heard about the contest from a lecturer at university - Michael Dinneen - who organises the programming contests held on site at university. As for the contest, math and informatics olympiads really gave me the skills to do this contest effectively. I have had no prior APL experience. In fact, I had not even heard of this language before. As soon as I saw how easy the 20 questions were, I immediately thought that many competitors would be able to do all questions. So I decided to heavily optimize runtime for the questions. In optimizing the runtime, I drew on what I knew about computers and programming languages in general."

The competition was launched April 27 2009 with a deadline for submission on July 1 2009. More than 250 downloaded the free Educational License and, of those, more than 10% entered the competition. The entrants came from all over the world with submissions from Argentina, Canada, Estonia, India, South Korea, New Zealand, Portugal, Russia, The Netherlands, Ukraine and USA. The competition was open to all students from high school or younger up to University level and used Project Euler as the vehicle <http://projecteuler.net/>

It should also be mentioned that 20 consolation prizes will be drawn and announced during Dyalog '09 September 13-16 2009. The results will be posted to [www.dyalog.com](http://www.dyalog.com) and the consolation prize winners will also be contacted directly by Dyalog Ltd.

The Worldwide Programming Competition will be run again in 2010. Please visit [www.dyalog.com](http://www.dyalog.com) regularly to keep track of the kick-off announcement.

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#### **About Dyalog**

Dyalog is the world's leading APL software-development platform. Key to Dyalog is the dynamic programming language APL - a notation which closely resembles Algebra - which is extremely well suited for expressing solutions to complex problems. Dyalog is further a complete, integrated software development platform offering all the tools and interfaces a software developer needs.

Dyalog is particularly well-suited for development of software applications where it is important to embed a high level of domain expertise. The development platform is designed to facilitate that experts, such as economists or engineers, can write software programmes themselves or work in close collaboration with a programmer to ensure, that their expert knowledge is correctly expressed.

Dyalog is heavily used in the financial sector where companies such as Denmark's SimCorp A/S, and Italy's APL Italiana S.p.A. use the system for their commercial financial software application development. Dyalog is further used within various engineering disciplines such as refinement of crude oil and within logistics. Other examples include: in Sweden, a small system developed by a nurse and a programmer has now grown into Sweden's largest Patient Record Solution. In the UK, in less than 3 months, The Childcare Company Ltd developed and launched their online training and support solution, winning them the Nursery Management Today Innovation Award 2008.

Dyalog is developed and marketed by British-based Dyalog Ltd.

Dyalog is available on the following platforms: Microsoft Windows (NT, 2000, ME, XP, Vista and Mobile), AIX, Solaris and Linux. For more information on software development using Dyalog visit [www.dyalog.com](http://www.dyalog.com)

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