

APL Seeds '24

# Closing Session

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## dyalog.com/getting-started.htm

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### **Getting Started**

Getting started with any new programming language can seem like a daunting task, and the Dyalog application development platform ships with enough features that you might appreciate some guidance to help you get started. The resources on this page are free of charge and aimed at APL novices.



APL Seeds: Events aimed at those who are just starting their APL journey.

<u>APL Seeds '24</u> will be held on Wednesday 27 March 2024.

Download materials/recordings from: APL Seeds '21 | APL Seeds '22 | APL Seeds '23



### Community

APL has a thriving and enthusiastic community of users who are very happy to answer questions:

- Chat in the APL Orchard, a very active chat room
- Ask a question on Stack Overflow or the r/aplik subreddit
- Post in the Dyalog Forums
- Dyalog social media: Twitter, Mastodon, Facebook, LinkedIn

#### **Basics**

Resources to help you take your first APL steps:

- Tips is a page of "useful to know" suggestions from previous beginners.
- Videos: Dvalog Basics is a library of introductory videos.

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challenge.dyalog.com



### Welcome to the APL Challenge!

The deadline for the current round (2024.1) is Tuesday 30 April 2024 at 23:59 UTC (Competition ends in 43 days).

The APL Challenge is a quarterly event where you use APL to solve up to ten problems. Each round runs for three months, after w Dyalog Ltd 🗗 awards three USD 100 prizes, with your chances of winning increasing based on the number of correct entries you s

Don't know APL? APL is an array-oriented programming language that will change the way you think about problems and data. It take long to learn enough to participate in the challenge. Many people have learnt APL by participating in past competitions – inc winners 🖭 APL is easy to learn 🗗 and will allow you to translate your knowledge into computer-based solutions, quickly and effici

Don't have time? If you're interested but don't want to actively participate in this round, please register anyway so that we can not of updates and inform you about future rounds. You can opt out at any time.

#### Overview

The APL Challenge consists of 10 problems:

- 3 problems, each of which requires you to write an expression that uses a single APL primitive.
- 3 problems, each of which requires an expression with 2 or 3 primitives.
- 4 problems that are somewhat more complex, requiring you to write your own one-liner function.

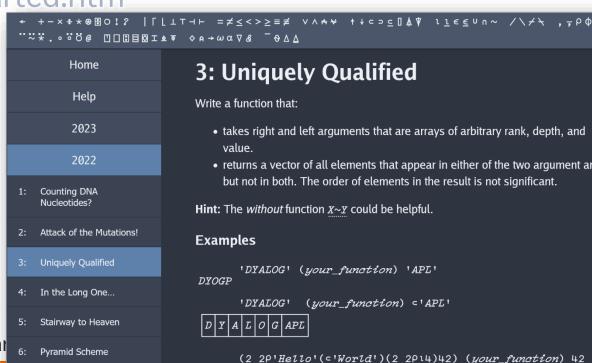
#### Developing your solutions

TryAPL or is sufficient for developing your solutions. A full desktop development environment is also available for common platfor free download. 🗷 Whichever environment you choose, you can produce APL symbols by clicking on them in the language bar abo input area.

When ready to test a solution, paste it into the input field at the bottom of the corresponding problem page and then hit 🛛 Test ← Enter]. The system will now validate your solution. You can also type your solution directly into the input field. Although you can begin without registering - most browsers will store your solutions until you register - you must be registered a

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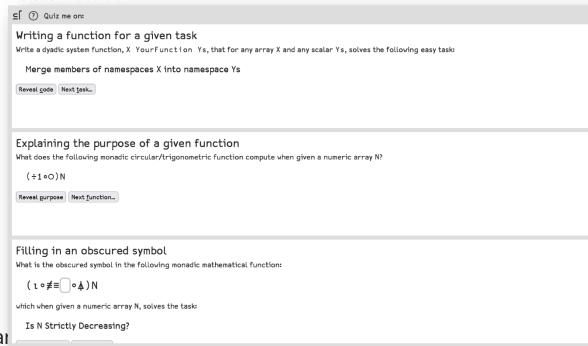


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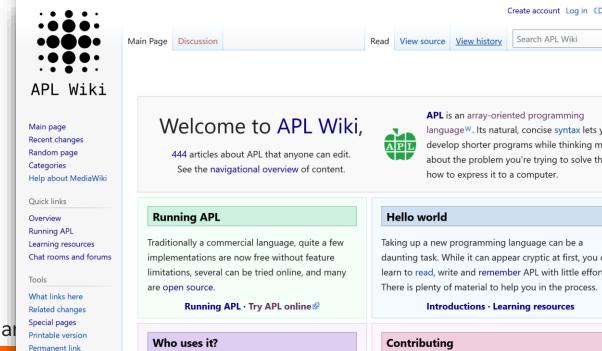
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