Topic: Strings, Arrays, Functions

Approach: Build CGI programs, then build the tools they use

Overview and Intro
Basic Operation of Web Communication
  Connect, Request, Act, Reply
Basic parts of a cgi application: form, connector, script, tools

CGI Example
stationnames - no form needed

Improving Our Website
Clearer - use hyperlinks to make access to tools as text
Robust - Reduce user error with radio buttons
Flexible - Add choices with radio buttons
Summary: (1) Hyperlinks, (2) radio buttons, (3) if..then..

String Basics
A string is an array of chars with a '0' to mark end
One works with strings using functions

Array Basics
What
Operations: Creating, Indexing, Initializing
Note: multi-dimensional arrays are arrays of arrays
Arrays and Functions: always pass by reference
example: array-func-demo.c

String Programming
Inherits from array
Input/Output has special methods
writing splitline
using splitline
writing readln
using readln