Kentucky High School Team Programming Contest

“Programming: It’s Kentucky IT’s future”
http://cs.uky.edu/~jurek/Contest/

Robocode Challenge
Friday, March 7, 2003, 9:00am-1:00pm
The Galt House in Louisville
(Satellite event to KTLC)

This year, the University of Kentucky Department of Computer Science is sponsoring the Kentucky High School Team Programming Contest. The Robocode Challenge is one of two events in the KHSTPC, the other being “Match A Fractal.”

Before the competition begins, there will be a brief warm-up session to allow the teams to adjust to the environment and ask any questions they may have. After the warm-up, the teams will be given problems to which they shall apply their wit. The problems will be of a modular nature, each being a step in creating a simple yet fully-functional battle robot. The teams’ solutions to these initial problems will be scored after the contest. The final round of competition will consist of the teams assembling the work they have already done in solving the problems to create a working battle robot. The teams’ robots will then be entered into a one-on-one double elimination tournament and a multi-round melee tournament. The tournament results will be tabulated and points will be accordingly added to the teams’ scores.

Teams should consist of no more than 3 students. Outside reference materials or disks are not allowed; teams will be provided a reference packet and will have access to the Robocode API. Students will not be responsible for bringing anything to the competition except their brains. Judging will be, of course, as objective as humanly possible. The STLP program of the Kentucky Department of Education endorses this contest—awards will be presented at the official STLP awards ceremony.

The Robocode Challenge will not only be a fun contest in which prizes (including PDAs and printers) are to be won, it will introduce the high school students to fundamentals of Java and object-oriented programming in general, and will expose them to the highly entertaining form of legitimate computer science that is Robocode.

For more information about the Robocode Challenge, feel free to e-mail Brendan Chandler (rbchan0@engr.uky.edu) or Stephen duBarry (smduba2@uky.edu), with a copy to the sponsor Dr. Jerzy W. Jaromczyk (jurek@cs.uky.edu).

Visit the official Robocode website:
http://robocode.alphaworks.ibm.com