

RESTRICTED ENVIRONMENT COMMANDS

cat	ls	vi	kill
gedit	ps	cp	pc2team
lpr	time	jove	score
pico	compile	mv	xcalc
tee	head	run	less
clear	man	wc	tail
grep	rm	diff	xterm

STANDARD COMMANDS

cat utility that reads each named file in sequence and writes it to the terminal
clear clear the terminal screen
cp copy files
diff compare two files
gedit desktop text editor
grep search a file for a pattern
jove interactive text editor (like emacs)
kill terminate or signal process
less page through a text file
lpr send a file for printing
ls directory listing
man display on-line manual for a command
mv rename a file
pc2team start the PC^2 team program
pico an interactive text editor
ps report process status
rm delete a file
tail show the last part of a file
time time a command
vi an interactive text editor
wc display the count of lines, words and chars in a file
xcalc scientific calculator
xterm terminal (command) window

MAN PAGES FOR THE NON-STANDARD COMMANDS

NAME

compile - compile contestant's source code

SYNOPSIS

compile NAME.c c

compile NAME.cc c++

compile NAME.java java

DESCRIPTION

The compile command compiles the contestant's source code into an executable. To compile Java source code, only supply the name of the file containing the main class.

For C/C++ source code, the compiler switches -O2 -Wall are passed to the gcc/g++ compiler. For Java source code, the compiler switch -O is passed.

SEE ALSO

run(1)

NAME

run - run contestant's executables on an input file

SYNOPSIS

run NAME.c c inputfile outputfile

run NAME.cc c++ inputfile outputfile

run NAME.java java inputfile outputfile

DESCRIPTION

The run command executes the contestant's compiled executable on the supplied input file, and writes its output to specified output file. Error messages (if any) are also saved to the output file. The name of the executable should be the same as the one used for invoking the compile (1) command.

Note: any previous content in the specified output file will be overwritten.

SEE ALSO

compile(1)

NAME

score - display the contest scoreboard

SYNOPSIS

score

score filename

DESCRIPTION

The score command allows the contestant to view the current contest scoreboard. Without any argument, the score command display the current contest scoreboard using less (1). With a filename argument, the scoreboard is written to the specified file. Any previous content in the file will be overwritten.

Note: the scoreboard displayed is only current at the time the command is invoked.