

Program 5

Table 1 below shows the number of bachelor degrees conferred in 1980 and 1994 in certain fields of study. Tables 2 and 3 show the percentage change and a histogram of 1994 levels, respectively. Write a program that allows the user to display any one of these tables as an option and quit as a fourth option. Data from each table is to be stored in a text file and read into the program. Case statements, do while or do until loops, and for statements are expected in the program. (Hint: asterisks in the histogram table can be stored as a number. A for loop could be used to display the correct number of asterisks.)

Due date for this program is November 1, 2001. Late programs will not be accepted without a doctor's statement or without prior arrangement with the instructor.

Table 1

Field of Study	1980	1994
Business and management	182,361	246,654
Computer and info. science	11,154	24,200
Education	118,169	167,600
Engineering	68,893	62,220
Social sciences	103,519	133,680

Table 2

Field of Study	% Change (1980-1994)
Business and management	33.1
Computer and info. science	117.0
Education	41.8
Engineering	-9.7
Social sciences	29.1

Table 3

Field of Study	Bar Graph of 1994 data
Business and management	***** 246,654
Computer and info. science	*** 24,200
Education	***** 167,600
Engineering	***** 62,220
Social sciences	***** 133,680