1993 Paper 5 Question 5

Programming in C

You have a C compiler which is ANSI conforming in all respects except that it has no facility for the definition, declaration or use of standard C structures. Outline a set of routines written in this language to provide a mechanism for handling structures.

Your solution should contain the following:

(*a*) function prototypes for each of the routines   [10 marks]

(*b*) a few sentences describing the behaviour of each function   [10 marks]

Note: no code other than the prototypes is required.