Assignment 5

An m x ***n*** **matrix** is a rectangular array containing *m* rows and *n* columns. The usual storage structure for matrices is thus quite naturally a two-dimensional array especially since arrays are provided in nearly every programming language.
In some applications, however (e.g., in solving differential equations), it is Necessary to process very large matrices having few nonzero entries. Using a two-dimensional array to store all the entries (including zeros) of such **sparse matrices** is not very efficient. They can be stored more efficiently using a linked structure analogous to that for sparse polynomials.
Lists in which the elements are allowed to be lists are called **generalized list.**
Implement it using Generalized list.