. The original matrix a has been transposed in-place [The matrix transpose function using dynamically allocated arrays has the exact same function body. 2.3 Structures and Unions · A structure (called a record in many other programming languages) is a collection of data items, where each item is identified as to its type and name. The data can 2.3.1 Structures vary in type. · Ex: struct & char name [10]; int age; floot salary; cretates a variable whose name is person and that has three fields: 1) a name that is a character array 2) an integer value representing the age of the person 3) a float value representing the salary of the individual. 1) strapy (person. name, "james"); 2) person. age=10; 3) person. salary=35000; The is the structure member operator. We use this operator to select a particular member of the structure. We can create our own structure data types by using the typed of statement