

Assignment Lec(16)

(1) Create Union type called family_name it shall have two members first_name and last_name. The two members are array of characters with same size 30. Try to write string in the first member first_name then print the second member last_name plus print the size of the union.

(2) Create a header file called BIT_MATH.h , define 4 macro-like functions as follows:

- SET_BIT(VAR,BIT_NUM)
- CLR_BIT(VAR,BIT_NUM)
- TOG_BIT(VAR,BIT_NUM)
- GET_BIT(VAR,BIT_NUM)

Write the suitable expansion of these macros to achieve the required function.