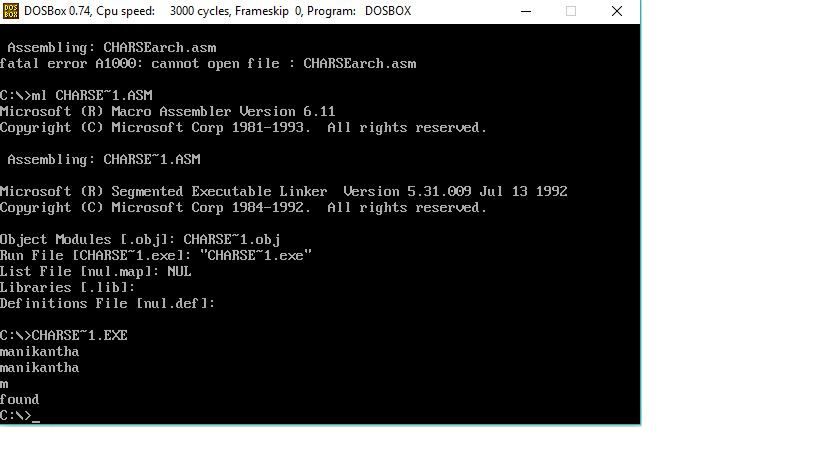
**To search a character in a given string.**

Here, I am finding the length of the string and then comparing the given character with each character of given string until the end of the string (Length=0).

**Program Description:**

* Initializing memory model of small which uses maximum 64kb of memory for code and initializing data , stack, code segments.
* Initialize extra segment to use di in the code.
* Declaring a variables of strings to get the input string from the user.
* Getting the string input from the user by using interrupt 21h (ah=3fh).
* Getting the character input from the user by using interrupt 21h (ah=01h).
* Initializing the value of count register to 0.
* Loading the di with string offset and clear the direction flag to transvers string from left to right.
* Calculating the length of the string by counting the each character until it reaches null.
* Again loading the string offset to di and comparing each character of string with getting character in al (repne instruction automatically decrement cx) by using scasb instruction.
* Repeating the same until either the character found or cx=0.
* When the characters are equal zero flag is effected and jump to print found string.
* If it reaches the end of the string then jump to print the not found message.
* Exiting from the code.

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