

C Assignments

Strings:

1. Write a program to enter two passwords. Then find their lengths if both have same length then check their similarity.
2. Write a program to check strength of password according to following rule.
 - for any lowercase,uppercase,digit,special symbol and length>8 assign 1 mark each
 - then calculate strength on 1-5 scale (1=weak , 2=fair, 3=good, 4=strong, 5=strongest)

Password	Strength	Answer	Reason
abcd	1	Weak	only lowercase letters
abcdefghijk	2	Fair	lowercase+length>8
Ab\$d5f	4	Strong	uppercase+lowercase+symbol+digit
@bcDef123	5	Strongest	symbol+lower+upper+digit+length>8
123456789	2	Fair	digit+length>8
abc@123	3	Good	lowercase+symbol+digit

3. Write a program to check given string is palindrome or not.
4. Write a program to convert given sentence into proper case
 - Ex:- aim high career -> Aim High Career
5. Write a program to combine given two strings into third string
6. Write a program to convert full form of a name into acronym (short form)
 - Ex:- central processing unit -> CPU
7. Write a program to store 10 names and print lengths of each name
8. Write a program to store 10 names and print largest name (having more no of chars)
9. Write a program to store a string then print that string without any vowels.
 - Ex: rajamahendravaram -> rjmhndrvrm
10. Write a program to store a paragraph with text of 5 lines. then count no. or chars, no. of words, no. of vowels in that paragraph.