

STRING

1. WAP in C to scan and print string with space.
i/p: vector india coding sirji , char s[30];
o/p: vector india coding sirji
2. WAP in C to find length of string using pointer.
i/p: basic_program , char s[20], *p;
o/p: length= 13
3. WAP in C to count digits in string using pointer .
i/p: char s[20]="p6c3s1 123 ok7";
o/p: count = 7
WAP in C to print ascii , octal , hex of given string.
i/p: char s[10]="program" ;
o/p: p --> 112 160 70
r --->
WAP in C to add digits in string using char pointer.
i/p: char s[20]= "123 hello by6" , *cp;
o/p: sum= 12
6. WAP in C to print binary of all char in string .
i/p: char s[20]="12 ab AB";
o/p:
7. WAP in C to count set bit all char in string.
i/p: char s[10]="bcd";
o/p: 3 4 3
8. WAP in C to check string length is prime or not.
i/p: char s[10]= "pawan";
o/p: yes 5 is prime number
9. WAP in C to check string length is strong or not.
i/p: char s[10]= "vector";
o/p: 6 is not strong number
10. WAP in C to reverse string using while loop .
i/p: char s[10]="gnidoc 321";
o/p: 123 coding
11. WAP in C to reverse first 3 letter from string .
i/p: char s[10]="gnidoc coding ";
o/p: ingdoc coding
12. WAP in C to delete desired char from string.
i/p: char s[20]="acbccab" , ch = 'c'
o/p: abab
13. WAP in C to delete desired char only 2 times from right side of given string using while loop.
i/p: char s[20]="abcccababc" , ch= 'c'
o/p: abccabab
14. WAP in C to delete 0th index char from string.
i/p: char s[20]="coding sirji";
o/p: oding sirji

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15. WAP in C to delete first 3 char from string.
i/p: char s[10]="armstrong num"
o/p: strong num
16. WAP in c to delete digits from string .
i/p: char s[20]="covid19 a12b";
o/p: covid ab
17. WAP in C to delete prime digit from string.
i/p: char s[20]="abc3456 567abc";
o/p: abc46 6abc
18. WAP in C to insert a char at 2nd index in string .
i/p: char s[10]="abcdef" , in=2 , ch='9';
o/p: ab9cdef
19. WAP in C to insert 'p' at 0th pos in same string .
i/p: char s[10]="123456" , ch='p';
o/p: p123456
20. WAP in C to insert 'p' at 0th index , 'q' at 1st index in same string using goto .
i/p: char s[10]="123456"
o/p: pq123456
WAP in C to count words in given string using goto.
i/p: char s[20]="hi 5 #\$2 cs";
o/p: word count= 4
- WAP in C to Capitalize first letter of word in string.
i/p: char s[30]= "pawan coding sirji "
o/p: Pawan Coding Sirji
23. WAP in C to print all word length in string .
i/p: char s[20]= "vector india pvt "
o/p: 6 5 3
WAP in C to print first word from string using goto.
i/p: char s[20]="vector india pvt";
o/p: vector
- WAP in C to print last word from string using goto.
i/p: char s[20]="vector india coding ";
o/p: coding
26. WAP in C to print word ending with letter 'g'.
i/p: char s[20]="c ds coding doing";
o/p: coding doing
- WAP in C to reverse 1st word in string using pointer.
i/p: char s[20]="vector india pvt";
o/p: rotcev india pvt
28. WAP in C to reverse last word in string .
i/p: char s[30]="vector india coding 123";
o/p: vecor india coding 321

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WAP in C to count vowels in string using do-while .
i/p: s[20]="abc pqr aeio"
o/p: vowels count= 5

30. WAP in C to sort the string in ascending order using while loop only .
i/p: char s[10]= "Aa1Bb2Cc3";
o/p: 123ABCabc

31. WAP in C to check string is Palindrome or not.
i/p: s[20]= "radar"
o/p: yes

32.WAP in C to remove conjucutive spaces in string.
i/p: s[20]="abc coding sirji"
o/p: abc coding sirji

33. WAP in C to delete duplicate char from string.
i/p: s[20]="abc abc ppp 122"
o/p : abc p12

34.WAP in C to count duplicate char from string.
i/p: s[20]="aaababcdeb"
o/p: a-->4 times b-->3 times

35.WAP in C to reverse all words in string.
i/p: char s[20]="coding sirji vector"
o/p:char s[20]= "gnidoc ijrjs rotcev"

36. WAP in C to merge 2 string to another string.
i/p: s1[10]="1234" s2[10]="ABCD"
o/p : s3[20]="1A2B3C4D"

37. WAP in C to merge 2 string to another string.
i/p: s1[10]="12" s2[10]="ABCD"
o/p : s3[20]="1A2BCD"

38. WAP in C to find largest words in string.
i/p: char s[20]="123 vector c ds";
o/p: vector

39. WAP in C to find smallest words in string.
i/p: char s[20]="123 vector c ds";
o/p: c

40. WAP in C to count each char in string .
i/p: char s[20]="1213ac1c";
o/p: 1 --> 3 , 2--> 1,3-->1 ,a-->1 ,c-->2

WAP in C to check 2 strings are anagram or not.
i/p: char s1[10]="2h#p", s2[10]="&p2h";
o/p: Yes both string Anagram

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42.WAP in C to reverse word having digit in string.
i/p: char s[20]="coding 123abc vector ptr1";
o/p: char s[20] ="coding cba321 vector 1rtp"

43.WAP in C to reverse word length > 4 in string.
i/p: char s[20]="ias abcde mkdir ";
o/p:char s[20]= "ias edcba irdkm ";

44.WAP in C to check substring is present in a main string or not using nested while loop.
i/p: char m[20]="123 abc", s[10]="abc";
o/p: yes

45. WAP in C to count substring in main string .
i/p: char m[20]="abcd cd 12cd", s[5]="cd"
o/p: count = 3 times

46. WAP in C delete substring from main string .
i/p: char m[20]="abc45 vector",s[10]="abc";
o/p: char m[20]="45 vector";

47. WAP in C delete substring from main string .
i/p: char m[20]="abc45 78abc",s[10]="abc";
o/p: char m[20]="45 78";

48. WAP in C to delete palindrome word from string.
i/p: char s[20]="laxmi madam vector "
o/p: char s[20]="laxmi vector "

49.WAP in C to replace one word with another word
i/p: char s[20]="ab123 ab78",
s1[10]="ab",s2[10]='cs'
o/p: char s[20]="cs123 cs78";

50.WAP in C to replace one word with another word in string [word length -> same or different]

i/p: char s[30]="pf123 pf78 pf",
s1[10]="pf",s2[10]='printf';
o/p: char s[20]="printf123 printf78 printf";

51.WAP in C to delete largest word from string.
i/p: char s[20]="c vector ds coder"
o/p: char s[20]="c ds coder"

if you found any mistake or doubts in any question send mail to pawan.ky@vectorindia.org

after learning function topics write all above 51 program using user defined function .