

आम्ही टेक्नीकल संस्कार करतो !



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**C Language : Assignment on Dynamic Memory Allocation**

1. Write a C program to check all pointers size on different environments.
2. Write a C program to find out a multiplication matrix using Dynamic memory allocation.
3. Write a c program to accept string from user and print String using character pointer only (static memory allocation).
4. Write a C program to print diagonal elements in matrix using Dynamic memory allocation.
5. Write a C program to demonstrate malloc , calloc , realloc and free function.
6. Write a C program to print all armstrong numbers from given integer array using Dynamic memory allocation.
7. Write a C Program to print Transpose matrix of given matrix using Dynamic memory allocation.
8. Write a C program to check whether given string is pallindrome or not using Dynamic memory allocation.
9. Write a C program to sort only those array elements which are less than 100 using Dynamic memory allocation.
10. Write a C program to check whether matrix is upper triangular matrix or not using Dynamic memory allocation.
11. Write a C program to print all prime numbers from given array among given range using Dynamic memory allocation.
12. Write a C program to print like (using Dynamic memory allocation)

fun    gun    run  
sun    mun    dun  
bun    hun    kun

13. Write a C program to demonstrate dangling pointer using Dynamic memory allocation.
14. Write a C program to store and display multiple(10) strings in one 1-dimensional array using Dynamic memory allocation.
15. Write a C program to reverse a string using Dynamic memory allocation.

Eg:

Input string:        India    is        my        country  
Output string:        aidnI\_si\_ym\_yrtnuoc

16. Write a C program to print only those words from one string which are present in given another string using 1-D Dynamic memory allocation.

17. Write a C program to count repeated words in given string using Dynamic memory allocation.
18. Write a C program to check whether given matrix is upper traingular or not using Dynamic memory allocation.
19. Write a C program to find all negative numbers from given array using Dynamic memory allocation.
20. Write a C program to sort array in descending order using Dynamic memory allocation.
21. Write a C program to print all numbers from array which are divisible by 5 and 7 using Dynamic memory allocation.

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