

MithilNandhan/c-programing x SIMATS C IDE x +

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SIMATS

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MITHILNANDHAN CHUNCHU  
192224037

Questions

CEQ21.

Write a program to print the following pattern

Sample Input:  
Enter the Character to be printed: %  
Max Number of time printed: 3  
%  
% %  
% % %

Test Cases

CEQ19  
CEQ2  
CEQ20  
CEQ21  
CEQ22  
CEQ23  
CEQ24  
CEQ25  
CEQ26  
CEQ27

C ▾

Run

Save

Logout

1.  
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Your Input Goes Here...!!!

Your OUTPUT Goes Here...!!!

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05-04-2023

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192224037

Questions

CEQ25.

Write a program to print the number of vowels in the given statement?

Sample Input:  
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Sample Output:  
Number o vowels = 12

Test Cases

1. India is my country  
2. All are my brothers and sisters  
3. Why dry sky  
4. Shy Try Cry  
5. EDUCATION

CEQ19  
CEQ2  
CEQ20  
CEQ21  
CEQ22  
CEQ23  
CEQ24  
CEQ25  
CEQ26  
CEQ27

C ▾ Run Save Logout


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Questions

CEQ23.

Find the number of factors for the given number

Sample Input:  
Given number: 100

Sample Output:  
Number of factors = 9

Test Cases

1. 343  
2. 1080  
3. -243  
4. 101010  
5. 0

CEQ19  
CEQ2  
CEQ20  
CEQ21  
CEQ22  
CEQ23  
CEQ24  
CEQ25  
CEQ26  
CEQ27

C ▾ Run Save Logout

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Questions

CEQ22.

Find the year of the given date is leap year or not

Sample Input:  
Enter Date: 04/11/1947

Sample Output:  
Given year is Non Leap Year

Test Cases

1. 04/11/19.47  
2. 11/15/1936  
3. 31/45/1996  
4. 64/09/1947  
5. 00/00/2000

CEQ19  
CEQ2  
CEQ20  
CEQ21  
CEQ22  
CEQ23  
CEQ24  
CEQ25  
CEQ26  
CEQ27

C ▾ Run Save Logout

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Questions

CEQ24.

Write a program to print the given number is Perfect number or not?

Sample Input:  
Given Number: 6

Sample Output:  
It's a Perfect Number

Test Cases

1. 17  
2. 26!  
3. 143  
4. 84.1  
5. -963

CEQ19  
CEQ2  
CEQ20  
CEQ21  
CEQ22  
CEQ23  
CEQ24  
CEQ25  
CEQ26  
CEQ27

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Questions

CEQ2.

Write a program to check the entered user name is valid or not. Get both the inputs

Sample Input:  
Enter the user name: Saveetha@789  
Reenter the user name: Saveetha@123

Sample Output:  
User name is Invalid

Test Cases

1. Student@123; Student@123

2. 123456; 12345

3. @#\$\$%^&; @#\$\$%^\*

4. abcdef\_12; abcdef\_12

CEQ19

CEQ2

CEQ20

CEQ21

CEQ22

CEQ23

CEQ24

CEQ25

CEQ26

CEQ27

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Questions

CEQ20.

Find the factorial of n?

Sample Input:  
N = 4

Sample Output:  
4 Factorial = 24

Test Cases

1. N = 0  
2. N = -5  
3. N = 1  
4. N = Q  
5. N = 3A

CEQ19

CEQ2

CEQ20

CEQ21

CEQ22

CEQ23

CEQ24

CEQ25

CEQ26

CEQ27

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MITHILNANDHAN CHUNCHU  
192224037

Questions

CEQ26.

Write a program to print hollow square symbol pattern?  
Get the symbol from user.

Sample Input: #

Output:  
# # # # #  
#        #  
#        #  
# # # # #

Test Cases

%  
&  
\*  
(  
@

CEQ19

CEQ2

CEQ20

CEQ21

CEQ22

CEQ23

CEQ24

CEQ25

CEQ26

CEQ27

C ▾

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