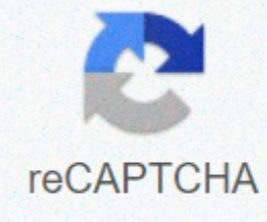




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Determinant of 3x3 matrix in c

```
#include
بروگرامنگ میں ایک میٹرکس کی تلاش کرنے کا لہذا منطق C پروگرام۔ عنصر C میٹرکس کا عنصر کو تلاش کرنے کا لہذا منطق C پروگرام۔
int row &&SIZE; row++)= {= for(col=0;&&SIZE;&&SIZE; col++) {
&&stdio.h&&#define 3/3 میٹرکس سائز int سائز A [؛ [سائز] int A, b, c, d, e, f, g, h, i;
کرنل, int A, b, c, d, e, f, g, h, i; میں ان پٹ عناصر میٹرکس det طویل: A 3 سائز 3 0 = صف) براہ: [row] [col]; } } /* * Used as a temporary variables to make calculation easy * | | * | a b c | * | d e f | * | g h i | * | | * / a = A[0][0]; b = A[0][1]; c = A[0][2]; d = A[1][0]; e = A[1][1]; f = A[1][2]; g = A[2][0]; h = A[2][1]; i = A[2][2]; /* det(A) = a(ei - fh) - b(di - fg) + c(dh - eg) */ det = (a*(e*i - f*h) - (b*(d*i - f*g)) + (c*(d*h - e*g))); printf(Determinant of matrix A = %ld , det); return 0; } Concatenate Two Strings strcat() Function C program code 'Concatenate 2 strings' using strcat() library function. Logic to concatenate 2 strings in C Programming. Enter first string, enter second string and Concatenate str1 str2 Swaps Array Elements and Reverse Arrays Program declare an integer array of size five, initialize it using for loop. Pass size and array name to function. Function uses for loop and swap array elements with in it. A for loop is C++ Program Calculate GCD of 2 Integers Examples on different ways to calculate GCD of two integers (for both Positive & Negative integers) using Loops and Decision making statements. The Largest integer which can Simple C++ Coding for Single Inheritance Start the C++ program. Declare the base class emp. Define and declare the function get() to get the employee details. Declare the derived class salary. Declare and define the function C Sum of Row & Column of a MxN Matrix C Program finds the sum of each row & each column of a MxN matrix. The c program code accepts an MxN matrix. Then adds each row of the matrix and also adds each column of... Header file for AVL tree in C++ Language insert x. Remove x (unimplemented). Return item that matches x. Return largest item. Return true if empty or else false. Print tree in sorted order. Return C++ Codes Perform Dictionary Operations This is a C++ Program to perform dictionary operations in binary search tree. In computer science, a binary search tree, sometimes also called an ordered or sorted binary tree, is a C++ Check whether a Vertex Cover of Size The problem takes E edges as input and then outputs whehter vertex cover of size K of the graph exists or not. 'Vertex Cover of a Graph' is, a set of vertices S, such that for every edge Write a C program to read elements in a matrix and find determinant of the given matrix. C program find determinant of a 2x2 matrix col++)= {= scanf(%d, &&a[row][col]);= }= }= used= as= a= temporary= variables= to= make= calculation= easy= *= |= |= *= |= a= b= c= |= *= |= d= e= f= |= *= |= g= h= i= |= *= |= /= a=A[0][0]; b=A[0][1]; c=A[0][2]; d=A[1][0]; e=A[1][1]; f=A[1][2]; g=A[2][0]; h=A[2][1]; i=A[2][2]; det(a)=(a*(ei - fh)=- b(di=- fg)= + c(dh=- eg)= /= det=(a*(e*i - f*h))=- (b*(d*i - f*g))= + (c*(d*h - e*g));= printf((determinant= of= matrix= a=%ld, det);= return= 0;= )= concatenate= two= strings= strcat()= function= c= program= code= 'concatenate= 2= strings'= using= strcat()= library= function.= logic= to= concatenate= 2= strings= in= c= programming.= enter= first= string.= enter= second= string= and= concatenate= str1= str2= swaps= array= elements= and= reverse= arrays= program= declare= an= integer= array= of= size= five.= initialize= it= using= for= loop.= pass= size= and= array= name= to= function.= function= uses= for= loop= and= swap= array= elements= with= in= it.= a= for= loop= is= c++= program= calculate= gcd= of= 2= integers= examples= on= different= ways= to= calculate= gcd= of= two= integers= (for= both= positive= &= negative= integers)= using= loops= and= decision= making= statements.= the= largest= integer= which= can= simple= c++= coding= for= single= inheritance= start= the= c++= program.= declare= the= base= class= emp.= define= and= declare= the= function= get()= to= get= the= employee= details.= declare= the= derived= class= salary.= declare= and= define= the= function= c= sum= of= row= &= column= of= a= mxn= matrix= c= program= finds= the= sum= of= each= row= &= each= column= of= a= mxn= matrix.= the= c= program= code= accepts= an= mxn= matrix.= then= adds= each= row= of= the= matrix= and= also= adds= each= column= of...= header= file= for= avl= tree= in= c++= language= insert= x.= remove= x= (unimplemented).= return= item= that= matches= x.= return= smallest= item.= return= largest= item.= return= true= if= empty= or= else= false.= print= tree= in= sorted= order.= return= c++= codes= perform= dictionary= operations= this= is= a= c++= program= to= perform= dictionary= operations= in= binary= search= tree.= in= computer= science.= a= binary= search= tree.= sometimes= also= called= an= ordered= or= sorted= binary= tree.= is= a= c++= check= whether= a= vertex= cover= of= size= the= problem= takes= e= edges= as= input= and= then= outputs= whehter= vertex= cover= of= size= k= of= the= graph= exists= or= not.= 'vertex= cover= of= a= graph'= is.= a= set= of= vertices= s.= such= that= for= every= edge= write= a= c= program= to= read= elements= in= a= matrix= and= find= determinant= of= the= given= matrix.= c= program= to= find= determinant= of= a= 2x2= matrix=&&SIZE; col++) { scanf(%d, &&a[row][col]); } } /* * Used as a temporary variables to make calculation easy * | | * | a b c | * | d e f | * | g h i | * | | * / a = A[0][0]; b = A[0][1]; c = A[0][2]; d = A[1][0]; e = A[1][1]; f = A[1][2]; g = A[2][0]; h = A[2][1]; i = A[2][2]; /* det(A) = a(ei - fh) - b(di - fg) + c(dh - eg) */ det = (a*(e*i - f*h) - (b*(d*i - f*g)) + (c*(d*h - e*g))); printf(Determinant of matrix A = %ld, det); return 0; } Concatenate Two Strings strcat() Function C program code 'Concatenate 2 Strings' using strcat() library function. 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These variable are only used to make the program simple to use. You can directly use A[0][0] for a etc. Enter elements in matrix of size 3x3: 6 1 1 4 -2 5 2 8 7 Determinant of matrix A = %ld, det); return 0; }Note: You can also calculate determinants without using additional temporary variables= a, b, c, d, e, f, g, h, u. These variable are only used to make the program simple to use. You can directly use a[0][0] for a etc. enter elements in matrix= of= size= 3x3:= 6= 1= 1= 4= -2= 5= 2= 8= 7= determinant= of= matrix= a=-306Happy coding= ©= the= program= receives= a= 3= x= 3= matrix= and= computes= the= determinant= and= prints= the= results.= the= user= provides= the= values= for= the= matrix.= we= compiled= the= program= using= dev-c++= 5.0= compiler.= but= you= can= use= a= different= compiler= such= as= turbo= c++= 3.0.= you= must= be= familiar= with= the= concept= of= the= matrix= and= its= determinant= to= understand= this= example.= see= the= problem= definition= section= for= a= brief= introduction.= learn= following= c= programming= concepts= before= you= learn= the= example.= c= arithmetic= operatorsc= reading= input= valuesc= arrays= problem= definition= the= determinant= of= a= 3= x= 3= matrix= is= easy= to= calculate.= before= we= dive= into= the= code.= let's= understand= the=
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