Extring and c Perogram to find length of the The maintaine the nord vouls in it. The missing statement is start the user. I've also added comput string from the user. can vonice Einer additional chick for upper maine, "declaration it is changed the void maine," declaration to "int maine). # include <staio.h> int main () char atr [50]; int i = 0 / count = 0 / output: print of ("Enter a string"); Enter a number Scarry (1)/s"/str); While (str[[]!='\0') to final factorial: 6 Jactorial of 6: 720 i 4+ ; for (intj=0; jzi; j++). 4 (str[j]=='a' 11 str[j]=='e' 11 str[j]==i 11 str[j]= 11 Str [j] == 'W' | 1 Str [j] == 'A' | 11 Str [j] == 'E' | 11 Str [j] 11 Str[J]=='0' 11 Str[J]==!U') count ++; printy ("Length of the estring: "din", i) printy ("Numbra of vousels in the string : i.d hijdon return 0;

P. a matrix (2 Danay) a CProgram for Program for Student Lavase civing structure there the missing statement in the given program is the made file # include 2 string h for the function puts () innich is used to displays the name of the students for roll number 2. output # include (staio.h) Enver first name: anju # Include Lotring.n> Enter marks: 97 Displaying Information! Struct Student Roll numera kaivu char name [50]; Marks: 87.0 int noll; Roll number: 2 float marks; First name; anju Mairks : 97.0 S[10]; yold main () pounts ("Evder details for tox 3 students: In"); for (i=0;123; i++) pount ("In Enter shou minue"); scand hivai RS [i] roll) punt ('Entu name In') same ("S", S[i] name),
punts ("Entre marks),
scany (1/4, &S[i]. marks), pount ("Displaying Details for thistudents In/n') pernity ("In") for (1=0;12 3; 1+t) Sounts (11 Roll Minutes: 1/d (n");
punts (30) name); print ("pipels: "Mon", S[i]. marks);

Priogram to search an eliment in. avray using linear search. The missing statement in the given is to intialize the pag variable as I light E the linear search loop, as shown below; # include <station> # include <comio.n> of void main () mt α[io], i=0, ele=0, flag= 1; SI for (i=0, i L10; 1++) W # scary ("/d", & a [i]); # printy l'ender the element to search"); scan ('">d', & ele ); 1 3 for (1=0; 1<10; 1++) 4 (a[i] == ele) flory = 0; Breek; 7 iy (flag ==0) Brunts ('element found"); frinty ("eliment not found"); esse

rogram to take input in a matrix (2 Darray) and print only the diagonal eliments using multidimensional away. To which code for 2d matrix using multidenting array # include (stdio.h) int main () int matrix[3][3]; int i,s prints ("Enter the elements of the malrix: \n'); for (1=0;123 /1++) for(j=0;j<3;j++) scanf ('17.d", gmotrux [i][i]) puint ("In The diagonal elements of terematerix for (i=0; i23; i++) print ("/d"/ matrix [i] [i]) return o'

Perogram to calculate the factorial of the ginen mo The missing statement in the given Perogram is the one which updates the values of 't' in each iteration of the white loop. Also, the return type of the main () function Should be int'. Here's the corrected program with the missing statement added: # include LStaio.h> # include (como.n) int main () int n = 0, f = 1;printf ('Enter the number'); Scary ("'/d", &n); mhii (n >0) 4 = N; printy ("The factorial is "d"); return o; Enter a number to find factorial: 6 output 0 6:720. factorial