DATE: / / PAGENO: Usha Gold dalo. - 47 13/6/34 Johson Taottea. Hinclude Stdie. h # Include < stalib. h) int flag=0; Wielen wester 200 World swap (int *a, int * b) } asside the property of the first of the state of the stat int search (int agas 7; int num, but mobile)? for (g = 0; g < num; q+1) { if (aant gr== mobile) aetran g+1;

Regitting

Regitting action is d [aga [87 - 1] int find Mobile (int agas. I), ent di], int num) { int mobile = 0;

int mobile p = 0;

int i;

for (i = 0; o < num; o + +) \(\)

if (cd[aga [c] > aga [c-1] = 2 aga[i] \)

if (aga [c] > aga [c-1] = 2 aga[i] \) > mobile_p){ mobile = ara [ez; mobile-p= mobile;

clock

georg + +

CANGRES ORNAME

CANGRES ORNAME

AND CONTROL ORNA if cmobile p==0 22 moleile=0) rolange eles actorn moleile P(d " this a " this green bigg resid permutations (int agenty, int dy zint num) & int mobile = find Mobile Caser, d, num; int pers = search Caser, num, mobile; if cd [agar [1705-13-1-=0) else sneaple agat pos-1], lacar post) for lint 2=0; (< nom; i++) {
if (aaa 1:3? mobile) { 29 (d [ana [87-1]==0)
d [ana [87-1]=1; d[ang[8]-1]=0 3. 3. There toil when but this for (int i=0; i< num; i+1)?

printf ("// d", aca (i))

printf ("In"); 1230 000 = 21 00000 · stolen = on a lead

cloc &

flag + +

20 m floile == 0) if cmoble p==0 22 moleile==0) solare quid compliant "a int " 6) revid permutatione (int ager (4, int di)

int num) &

int mobile = find Mobile (ager, d, num)

int pos = seasch (ager, num, mobile) if cd [agar [1705-1]-1==0) swap(Laar[pos-17, Laar[pos-2])
else
swap(Laar[pos-1], Laar[pos]) for lint i=0; (< nam; i+1) 2) Casa Lé 32 mobile) 2 2° f · (d [asa [?7-1]==0) d[asa[e]-1]=1; eles d[ang[8]-1]=0; int food Medile Cist for (int i=0; i< num; it+)a printf ("% d", aca (i)) print ("In") modelles and le

PAGENO. | Usha Gold int factorial (int x) & int f=1; for (int i= 15; i & K+11; o int +1) ?

f=f* (d) + o the man to full

and was to the many old and MA actaon of; int main () § 2nt num = 0'; 18.8 scanf (" To d", & num); int ager [num], d[num], int z = factorial (num); perintf ("Total pamentations = 16d (n", 2); paint ("All possible pramutations and In"); for Cinti=0; i< num; i+19 d[i]=0; ara[i]=i+1; perinty ("%d", aga [i]); for (int 9=1; j<2; j++)q

permutations (agg, d, num); nethern 0;

Output Total pamutations 6 All possible permutations agre: ECONTON IV. ive z= factocial (man): Applications was later 1 string N-queens Parblem for Cintito 1: 15 nami it + 18

PAGENO Usha Gold 3 reing matching #include <ofdio. h> # include (string. h) 1 ments int storing m (chaa. t[], char p[])? int n=stalen (+); 1 Tricks int m=stalencps; for lint 2=0, ix=(n-m); 1°++)} to relaint it = biguet wester Thile Gem & & t [i+j] == P[j])} Parter vot formates netnom -1; int main 1) § chan t[1007, p[100]) scant ("/. s", t); perint ["Enter the pattern:"); if (sesult = -1)? perint ! Patter found at index /din'; neverlt +1);

elel & ell Parteen not foundston out n = chalmer 1 inches Enter the text: musec. Enter the pattern success Pattern found at sindex dy Enter the pattern ie Patter not found. schoon -1: BCIN'IN THE Thoring Foully gods 11 (accords: -1)3