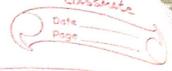
else it ((d(au (i)-1) == 1) && i = Aum -1) of if (are [i] > arr [i+1] &d are [i] > mobile p) { mobile = are (i); nobile p = nobile; void permutations (int are (7, int d[] int num) ? int nobile = find\_Mobile (ace, d) num); int pos = search (are; num; nobile); if (d(arr(pos-1]-1]==0) swap (& ass [pos-1], & ass (pos-2]); suap (& aer [pos-1], & arr (pos]); mentes for (int i=0; ; < num; i++) { if (are (i) > mobile) (2) are tob) white if (d[are (i] -1] = = 0)= 1; d [ase [i] -1] =1; q of else 3. Ditom & CiTein && (1-1) 180. & CiJARo )+i for (int i= 0; i < num; i++) lidar printf (" "d") arr (i); Ide

	int factorial (int k) { and ton write?
	int f = 1;
_	for (it i=1; i <k+1; (desilted="" i++)="" it<="" shall="" th=""></k+1;>
	f=f*i; (d pills shalps tr
	return f; (1), and till ends) on grista to
	S (+) restor (+):
	ist mais () }
	it num = 0 ; + 1 : (m-n) -> ; c-i + i) = n
	prints ("Johnson Teother algorithm to find all permutation of given numbers. In)
	pentil ("Enter the number: Ini) :> 1
_	econf ("/d", & num); it is int asr (num), d (num); (m = i) };
_	int z = factorial (num);
	printf (" Total permutations = /d/n" z);
	printly ("All possible permetation are: 10")
	for (int i = 0; i < num; i++) {
	d(i)=0; til
	arr Ci] = i+1; [looily looily rad;
	printf (" "d", are (; )); att up a lities
	S aci(thirty) June
	peint (") n"); ( asstrant at and ) Italian
_	for (int j=1; /j <z; :(="1;" f="" j)<="" j++)="" th=""></z;>
	permutations (are, d, num) = There to
-	f (1 1 thurs) };
	2 (seturn 0 > col low whi to bound outton) ofthing
1	A + T, ('' / 1
1	Johnson Tester algorithm to find all permutations of given numbers
	Enter the number: 3
	Total permutation = 6
	All possible permutations are: - the tracket
	123 132.21 with the
	132 23 11 is to bound wetter
	312 213
- 11	



	Day Alia
(2)	Pattern matching
	#include <atdio h=""></atdio>
	#include < string. h)  # include < string. h)  int string_m (char t(), char p()) {
	int string m (char t(), that p())
	int n = etcles con
	int $m = staten(p);$ for (int $i = 0$ ; $i < i = (n-m)$ ; $i + i + i = 0$ )  for (int $i = 0$ ; $i < i = (n-m)$ ; $i + i + i = 0$ ; $i < i $
	for (int i=0; 12-(h-1))
A MAN COM	$\frac{1}{2} = \frac{1}{2} = \frac{1}$
	while 12 - 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	Milks J. D. Control
	1 : ( men ) land on - 5 has
	? / - Market - westertung total
	onter / 1. 1980   montatume; elding
	3
	int main () {
	1 1 (100)!
	rejet (" Foter the text: 1)
	enf ("/s", t);
	printf (" Exter the pattern: ");
	seaf ("/s", p); (+10);
	it result = stringer (t); in the
	if (result != -1) {  printf ("Pattern found at index "d')", sesult +1);
	elle
	printf (" Pattern not found In")
. n	return Open 11: 1:1 of ord/reach without ments
r a finding	3 Redown of with
	d : Knotelung later
	Output: - Enter the text: helloworld
	toter the pattern: Suorlid
	Pottern found at index 6
	312