	19/02/2023 Camlin Page Date 1
	Day 8
	ady o
M	
7	Arroy :-
3	An arroy is a data structure that stores
7	a collection of volues of the some data type
5	An arroy is a data structure that stores a collection of values of the same data type stored in continuous memory location
	and on the autor of the
	int ar [50]; =
10	
	char grade (10);
	double num [20];
da:	T3. Ke, 200 Name 1 1 100 March
Mais bay	Initialization array of integers.
15	int morks () = { 30,95,67,79,82,91}
	0
	Access element of array using index index always starts from a
	Index always starts from a
	Int morks (3) 1- fort so paint in 3 - march
20	=>91
	Taking omey input
	The state of the s
	int n;
25	Cin >20;
	int am (n);
	for (in/ i=0; i <n; i++)3.<="" th=""></n;>
	cin >> or (17;
	3
30	for (in) i=0; i <n; itt)="" th="" {<=""></n;>
	cout << am [i];
	2

Q. Roverse on array.

#include chits /stdc +t.h >

using namespace std;

int main () {

int n;

cin >> n;

for (int i = e; icn; itt) {

cin >> an (i);

int start = e, end = n-1; while (start send) { swop (or (start), or (end));

end -- ;

for (int i=0; ien; i++)}

cout << on[i] << " ";

returno;

Q. kth max/min element in array.

# include chite/stdattoh?

int main()}

int k;  $\sin 2 k$ ;

sort (arr, arrtn); -

cout << arr (K-1) << end);

return o:

Union and intersection of two sorted array. #include <bils/ stdc++.h> using nomespace std: int moin () & int nim; (in >> n >>m; int o(n), b[m]; for (int i=0; i<n; itt){ cin>>a(i); for (int i=0; icm; itt)} sel cint > ans; for cint i=0; icn; itr)3 ans. insert(a(i)); for (inti=0; icm; itt)5 ansinsert (b(i)); Cout « cans. size () « cend); return o;

a Cyclically rotate an array by one

#include < bits/stdc+t.h > Using nomespace 5td;

int main () & int n;

int our [n];

for (int i=0; i<n; itt) {
 cin>> on (i);

int last = arr [n-1];

for (int i = on-1; i>o; i--){

an (i) = an(i-1);

an [0] = last;

for (int i=0:i<n; i+t){

(out << orr (i) << "";

refurn o: