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| #include <stdio.h> |
|  | void leftRotatebyOne(int arr[], int n); |
|  | void leftRotate(int arr[], int d, int n) |
|  | { |
|  | int i; |
|  | for (i = 0; i < d; i++) |
|  | leftRotatebyOne(arr, n); |
|  | } |
|  | void leftRotatebyOne(int arr[], int n) |
|  | { |
|  | int temp = arr[0], i; |
|  | for (i = 0; i < n - 1; i++) |
|  | arr[i] = arr[i + 1]; |
|  | arr[i] = temp; |
|  | } |
|  | void printArray(int arr[], int n) |
|  | { |
|  | int i; |
|  | for (i = 0; i < n; i++) |
|  | printf("%d ", arr[i]); |
|  | printf("\n"); |
|  | } |
|  | int main() |
|  | { |
|  | int n,d; |
|  | printf("Enter the size of array : "); |
|  | scanf("%d",&n); |
|  | int arr[n]; |
|  | printf("\nEnter the array elements :\n"); |
|  | for(int i=0;i<n;i++) |
|  | scanf("%d",&arr[i]); |
|  | printf("Enter the Position N from where you want to |
|  | rotate : "); |
|  | scanf("%d",&d); |
|  | leftRotate(arr, d, n); |
|  | printArray(arr, n); |
|  | return 0; |
|  | } |