

Problem:3

Given an array, the task is to cyclically rotate the array clockwise by one time.

Ans:

Code:

```
#include <stdio.h>

void rotateArray(int arr[], int size) {
    if (size <= 0) return;
    int last= arr[size - 1];
    for (int i = size - 1; i > 0; i--) {
        arr[i] = arr[i - 1];
    }
    arr[0] = last;
}

int main() {
    int arr[] = {1, 2, 3, 4, 5};
    int size = sizeof(arr) / sizeof(arr[0]);
    rotateArray(arr, size);
    printf("Rotated array: ");
    for (int i = 0; i < size; i++) {
        printf("%d ", arr[i]);
    }
    printf("\n");

    return 0;
}
```