

//Program to cyclically rotate an array by on

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

Examples:

Input: arr[] = {1, 2, 3, 4, 5}

Output: arr[] = {5, 1, 2, 3, 4}

Input: arr[] = {2, 3, 4, 5, 1}

Output: {1, 2, 3, 4, 5}*/

Code:

```
#include <stdio.h>
```

```
int main() {  
    int n;
```

```
    printf("Enter the number of elements in the array: ");  
    scanf("%d", &n);
```

```
    int arr[n];
```

```
    printf("Enter the elements of the array: ");  
    for (int i = 0; i < n; i++) {  
        scanf("%d", &arr[i]);  
    }
```

```
    if (n > 0) {  
        int last = arr[n - 1];
```

```
        for (int i = n - 1; i > 0; i--) {  
            arr[i] = arr[i - 1];  
        }
```

```
        arr[0] = last;  
    }
```

```
printf("Array after cyclic rotation: ");  
for (int i = 0; i < n; i++) {  
    printf("%d ", arr[i]);  
}  
printf("\n");  
  
return 0;  
}
```