

A program to cyclically rotate an array by one:

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

```
int main() { intarr[]={1,2,3,4,5};
```

```
int n = sizeof(arr) / sizeof(arr[0]); int last = arr[n-1];
```

```
for(inti=n-1;i>0;i--){
```

```
arr[i] = arr[i-1]; }
```

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

```
for(inti=0;i<n;i++){
```

```
prinL("%d ", arr[i]); }
```

```
prinL("\n");
```

```
return 0; }
```