

Cylinder:

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

```
int main() {
```

```
    int n, i, last;
```

```
    printf("Enter the number of elements: ");
```

```
    scanf("%d", &n);
```

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

```
    printf("Enter %d integers:\n", n);
```

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

```
        scanf("%d", &arr[i]);
```

```
    }
```

```
    last = arr[n - 1];
```

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

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

```
    }
```

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

```
    printf("Array after cyclic rotation by one:\n");
```

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

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

```
    }
```

```
    printf("\n");
```

```
    return 0;
```

```
}
```