

//Write a Program to Cyclically Rotate an Array by One

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

```
int main() {
```

```
    int n;
```

```
    printf("Enter the size of 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]);
```

```
    }
```

```
    int j = arr[n - 1];
```

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

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

```
    }
```

```
    arr[0] = j;
```

```
    printf("Rotated array: ");
```

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

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

```
    }
```

```
    return 0;
```

```
}
```