

Array Problem 3:

cyclically rotate:

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

```
int main()
```

```
{
```

```
    int n,j,i;
```

```
    printf("Enter the size of the array:");
```

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

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

```
    printf("Enter the elements of the array:\n");
```

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

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

```
    }
```

```
    i=n-1;
```

```
    j=n-2;
```

```
    while(i>0){
```

```
        int temp=arr[i];
```

```
        arr[i]=arr[j];
```

```
        arr[j]=temp;
```

```
        i--;
```

```
        j--;
```

```
}  
printf("New array:\n");  
  
for(i=0;i<n;i++){  
    printf("%d",arr[i]);  
}  
printf("\n");  
  
return 0;  
}
```