* **PROGRAM TO CYCLICALLY PERMUTE THE ELEMENTS OF AN ARRAY**

#include<stdio.h>

int main()

{

int i,j,k;

printf("enter the size of array\n");

scanf("%d",&i);

int a[i],b[i];

printf("enter the elements of an array\n");

for(int j=1;j<=i;j++)

{

scanf("%d",&a[j]);

}

printf("\n");

printf("the array after cyclic permuting is\n");

for(int j=1;j<=i;j++)

{

b[j]=a[j+1];

if(b[i]==a[i+1])

{

b[i]=a[1];

}

printf("%d ",b[j]);

}

return 0;

}

