#include <stdio.h>

void cyclicSwap(int \*a, int \*b, int \*c);

int main() {

int a, b, c;

printf("Enter a, b and c respectively: ");

scanf("%d %d %d", &a, &b, &c);

printf("Value before swapping:\n");

printf("a = %d \nb = %d \nc = %d\n", a, b, c);

cyclicSwap(&a, &b, &c);

printf("Value after swapping:\n");

printf("a = %d \nb = %d \nc = %d", a, b, c);

return 0;

}

void cyclicSwap(int \*n1, int \*n2, int \*n3) {

int temp;

// swapping in cyclic order

temp = \*n2;

\*n2 = \*n1;

\*n1 = \*n3;

\*n3 = temp;

}

OUTPUT:

Enter a,b,c respectively.