Swap two numbers using bitwise operator

ALGORITHM:

STEP 1: Start the program

STEP 2: Print value of i=%d k=%d before swapping

STEP 3: And again print value of i=%d k=%d after swapping

STEP 4: Finally return 0

COMMANDS:

printf(" value of i=%d k=%d before swapping", i, k);// before swapping value

i = i ^ k;

k = i ^ k;

i = i ^ k; // condition of swapping

PROGRAM:

#include <stdio.h>

int main() {

int i = 65;

int k = 120;

printf(" value of i=%d k=%d before swapping", i, k);

i = i ^ k;

k = i ^ k;

i = i ^ k;

printf("value of i=%d k=%d after swapping", i, k);

return 0;

}

OUTPUT:

value of i=65 k=120 before swappingvalue of i=120 k=65 after swapping