Q) Write a C function void swap (int \*a,int\*b)that swap the values of two integers.Then write a main

function to test this swap function using pointer arguments.

#include <stdio.h>

void swap(int \*a, int \*b) {

int temp = \*a;

\*a = \*b;

\*b = temp;

}

int main() {

int x = 5, y = 10;

printf("Before swapping: x = %d, y = %d\n", x, y);

swap(&x, &y);

printf("After swapping: x = %d, y = %d\n", x, y);

return 0;

}