SOURCE CODE

// Programe to swap first and last digits of a number//

// By Sakshi Neeraj//

#include <stdio.h>

#include <math.h>

int main()

{

int num, swappedNum;

int firstDigit, lastDigit, digits;

/\* Input number from user \*/

printf("Enter any number: ");

scanf("%d", &num);

/\* Find last digit \*/

lastDigit = num % 10;

/\* Find total number of digit - 1 \*/

digits = (int)log10(num);

/\* Find first digit \*/

firstDigit = (int)(num / pow(10, digits));

swappedNum = lastDigit;

swappedNum \*= (int) pow(10, digits);

swappedNum += num % ((int) pow(10, digits));

swappedNum -= lastDigit;

swappedNum += firstDigit;

printf("Original number = %d", num);

printf("Number after swapping first and last digit: %d", swappedNum);

return 0;

}