**Lab report 02: part 2**

Sample/input-output

Enter a number: 123

Original Number: 123

Palindrome: 321

-------------------------------------------------------------

Code:

#include <stdio.h>

int main() {

int num, originalNum, digit, reversed = 0;

printf("Enter a number: ");

scanf("%d", &num);

originalNum = num;

while (num > 0) {

digit = num % 10;

reversed = reversed \* 10 + digit;

num /= 10;

}

printf("Original Number: %d\n", originalNum);

printf("Palindrome: %d\n", reversed);

return 0;

}