Lab2 – Formatted I/O & Expressions

1. Write a program that asks the user to enter a two-digit number, then prints the number with its digits reversed. The program should have the following appearance:

Enter a two-digit number: 39

The reversal is: 93

Read the number using %d, then break it into two digits. *Hint*: If n is an integer, then n % 10 is the last digit in n and n / 10 is n with the last digit removed.

2. Write a program that asks the user to enter a four-digit binary number, shift right by two bits, fill 0s on the left side, and prints out the shifted binary number:

Enter a four-digit binary number: 1011

The shifted binary number: 0010

3. Write a program that converts a time in seconds into a hour-minutes-seconds form:

Enter a time (s): 234

Hour-minutes-seconds: 00h-03m-54s