Assignment:2

Aim: Write a shell script to determine whether a given year is a leap year or not.

Algorithm:

Step 1: Start

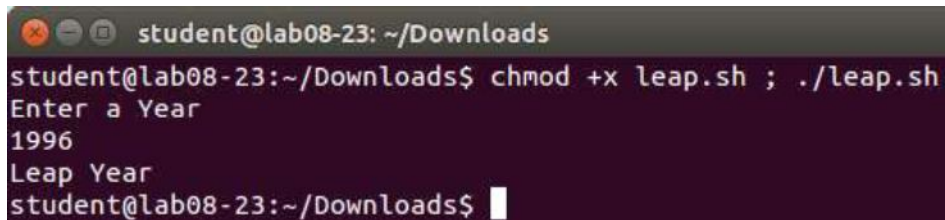Step 2: Obtain year from user. [Year is invalid if negative]

Step 3: If year is divisible by 100 goto step 3 else goto step 4.

Step 4: If the year is divisible by 400 then it is leap year.

Step 5: If the year is divisible by 4 then it is leap year.

Step 6: Stop

Sample Input and Output:

Test your program with the following set of values { 2012, 2400, 1996, -2017, 2019 }