

NOTICE: **EVERY TASK WILL BE A BASH SCRIPT WITH NAME: Task_XXXX.sh**, where XXXX is the last 4 digits of your ID. It is impossible to identify the task otherwise, so marks will be deducted.

Tasks:

Task 1: Finding the nearest leap year

Write a bash function called *isLeapYear* that determines whether the year is a leap year or not.

Input: *isLeapYear* 2012

Output: Leap Year

Input: *isLeapYear* 2013

Output: Not Leap Year

Task 2: Prime Numbers Function

Create a bash function named *is_prime* that takes an integer as input and returns whether the number is prime or not. The function should use a proper algorithm to efficiently determine if the number is prime.

Input: *is_prime* 71

Output: Prime Number

Input: *is_prime* 72

Output: Not a Prime Number