3. dates.py (20 points)

Design a program that asks the user to enter a month (in numeric form), a day, and a 2 digit year. The program should then determine whether the months * day is equal to the year. If so, it should display a message saying the date is magic. Otherwise, it should display a message saying the date not magic.

Hints:

Prompt user to the month, day, and year in two digit format

Verify the month input if is between 1 and 12. Display error message otherwise.

Verify the day input if it is between 1 and 31. Display error message otherwise.

Verify the year input if it is between 0 and 99. Display error message otherwise.

If the inputs are valid, evaluate themagic date

Expected Output:

If the user enters a month as 7, day as 3, year as 21. Then it should display as follows:

The date is 7/3/21

This is a magic date.