Date cipher

My cipher will be based on using a date as a key to cipher the message.

For this example I'll use the date on which the bootcamp started: **8/30/2021** as the key

1 - Format date into single integer
key = 8302021

2 - Apply changes to the message characters by changing the characters according to the key digits. If the digits run out, start repeating them again.

key = 8302021
message = hello

Original message	Transformation	Cipher Message
H	H+8	P
E	E+3	H
L	L+0	L
L	L+2	N
O	O+0	O

Example by code

CIPHERING A MESSAGE

DECODING A CIPHERED MESSAGE