**02 . Caesar Cipher Encryption**

**Condition:**

Julius Caesar protected his confidential information by encrypting it using a cipher. The Caesar cipher shifts each character a certain number of positions in the alphabet. If the shift takes the character beyond the end of the alphabet, it rotates back to the beginning of the alphabet.

**Input:**

* On the first line, a string s is entered, representing the text to be encrypted.
* On the second line, an integer k is entered, which represents the number of positions by which to shift the symbols in the Caesar cipher.

**Output:**

* The encrypted text based on the Caesar cipher.

**Examples:**

|  |  |
| --- | --- |
| **Input** | **Output** |
| A friend in need is a friend indeed  20 | U zlcyhx ch hyyx cm u zlcyhx chxyyx |
| Always-Look-on-the-Bright-Side-of-Life | Fqbfdx-Qttp-ts-ymj-Gwnlmy-Xnij-tk-Qnkj |