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| **ALPHABET** | **Flowers** |
| **A** | **Rose** |
| **B** | **Orchid** |
| **C** | **Tulip** |
| **D** | **Lotus** |
| **E** | **Cherry Blossom** |
| **F** | **Peony** |
| **G** | **Lily** |
| **H** | **Sunflower** |
| **I** | **Dahlia** |
| **J** | **Hydrangea** |
| **K** | **Jasmine** |
| **L** | **Iris** |
| **M** | **Gardenia** |
| **N** | **Magnolia** |
| **O** | **Bird of Paradise** |
| **P** | **Plumeria** |
| **Q** | **Camellia** |
| **R** | **Bleeding Heart** |
| **S** | **Hibiscus** |
| **T** | **Calla Lily** |
| **U** | **Lavender** |
| **V** | **Wisteria** |
| **W** | **Anthurium** |
| **X** | **Freesia** |
| **Y** | **Zinnia** |
| **Z** | **Cherry Blossom** |

DESCRIPTION

**Rule for Dynamic Assignment:**

* **If the preceding character is a vowel (A, E, I, O, U):** Shift the flower assignment forward by 2 positions in the alphabet.
* **If the preceding character is a consonant:** Shift the flower assignment backward by 1 position in the alphabet.
* **If the letter is the first in the message:** Use the default flower assignment.

**Example Message: "HELLO"**

1. **H** (First letter, no preceding character):
   * **Flower**: **Sunflower**
   * **Operation**: Apply the Sunflower's cryptographic function to "H."
2. **E** (Preceded by H, a consonant):
   * **Shift back by 1 position in the alphabet**: E → D
   * **New Flower**: **Lotus**
   * **Operation**: Apply the Lotus's cryptographic function to "E."
3. **L** (Preceded by E, a vowel):
   * **Shift forward by 2 positions in the alphabet**: L → N
   * **New Flower**: **Magnolia**
   * **Operation**: Apply the Magnolia's cryptographic function to "L."
4. **L** (Preceded by L, a consonant):
   * **Shift back by 1 position in the alphabet**: L → K
   * **New Flower**: **Jasmine**
   * **Operation**: Apply the Jasmine's cryptographic function to "L."
5. **O** (Preceded by L, a consonant):
   * **Shift back by 1 position in the alphabet**: O → N
   * **New Flower**: **Magnolia**
   * **Operation**: Apply the Magnolia's cryptographic function to "O."

**Final Encrypted Message:**

* The message "HELLO" is encrypted using different flowers for each letter depending on the preceding character:
  + **H** with **Sunflower**
  + **E** with **Lotus**
  + **L** with **Magnolia**
  + **L** with **Jasmine**
  + **O** with **Magnolia**