Code Table

|  |  |
| --- | --- |
| a | 1 |
| l | 2 |
| y | 3 |
| s | 4 |
| al | 5 |
| ll | 6 |
| la | 7 |
| all | 8 |
| ly | 9 |
| ys | 10 |
| sa | 11 |
| ally | 12 |

Output Stream

|  |  |
| --- | --- |
| a | 1 |
| l | 2 |
| l | 2 |
| al | 5 |
| l | 2 |
| y | 3 |
| s | 4 |
| all | 8 |
| y | 3 |