**Problem Description**

In this problem, you need to convert a binary number into decimal using recursion.

**Input**

Input contains a string with 0s and 1s. The length of the string will be at most 63. The string represents a valid binary number.

**Output**

Output the corresponding decimal number.

|  |  |
| --- | --- |
| 10 | 2 |
| 101 | 5 |
| 11111 | 31 |