**TEST CASE 1**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 175BreadButter95MilkButter40Brown | 310 |

**TEST CASE 2**

| **INPUT** | **OUTPUT** |
| --- | --- |
| ball499bat99 | 598 |

**TEST CASE 3**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 12ab34cd | 46 |

**TEST CASE 4**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 0 | 0 |

**TEST CASE 5**

| **INPUT** | **OUTPUT** |
| --- | --- |
| Oil79CoconutPan432pasteTooth25 | 536 |

**TEST CASE 6**

| **INPUT** | **OUTPUT** |
| --- | --- |
| bjhbfwiefb00341 | 341 |

**TEST CASE 7**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 001xyz2147483646 | 2147483647 |

**TEST CASE 8**

| **INPUT** | **OUTPUT** |
| --- | --- |
| brocolli0fsdf34jvr8gh460grtjk3a0199fan | 704 |

**TEST CASE 9**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 21shirt499cap990watch0pen | 1510 |

**TEST CASE 10**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 999he objective of the puzzle1321 is to move5 6the entire stack to another rod. You 65are given the number of discs689. Initially56 these discs ar090e in rod 1. You need to print all the steps of 678discs movement so that all the discs reach the rod3 | 3913 |