**TEST CASE 1**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **LAA**  **L**  **2**  **4** | **2** |

**TEST CASE 2**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **ABC**  **A**  **3**  **8** | **3** |

**TEST CASE 3**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **AAA**  **A**  **3**  **8** | **8** |

**TEST CASE 4**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **aba**  **b**  **3**  **7** | **2** |

**TEST CASE 5**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **ABC**  **D**  **4**  **5** | **0** |

**TEST CASE 6**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **XYZ**  **x**  **101**  **999** | **0** |

**TEST CASE 7**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **PqRsQqAA**  **q**  **41**  **672** | **168** |

**TEST CASE 8**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **MNMMNMN**  **N**  **75**  **1000** | **428** |

**TEST CASE 9**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **IWFGUFGRZRTFWEGFRUI**  **Z**  **1000**  **1000** | **53** |

**TEST CASE 10**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **WFGIWEYGIigcifwiUEUuIdidhUHDouhdUHDuohOUHDUOQHFWOIGJWEILFHQEFYQWUIEHOihsozHzoihdqufhweuogwAxBihUHOoitxuihsufhXuhxhxigj**  **o**  **99**  **1001** | **50** |

2

3

4

5

6

7

8

7

8

10