**TEST CASE 1**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 3 | 10 |

**TEST CASE 2**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 9 | 165 |

**TEST CASE 3**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 95 | 147440 |

**TEST CASE 4**

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

**TEST CASE 5**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 341 | 6666891 |

**TEST CASE 6**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 264 | 3101560 |

**TEST CASE 7**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 657 | 47481609 |

**TEST CASE 8**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 999 | 166666500 |

**TEST CASE 9**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 874 | 111653500 |

**TEST CASE 10**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 1000 | 167167000 |