**TEST CASE 1**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **6** | **1** |

**TEST CASE 2**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **5** | **2** |

**TEST CASE 3**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **4** | **3** |

**TEST CASE 4**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **3** | **4** |

**TEST CASE 5**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **2** | **5** |

**TEST CASE 6**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **1** | **6** |

**TEST CASE 7**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **0** | **7** |

**TEST CASE 8**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **7** | **0** |

**TEST CASE 9**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **8** | **-1** |

**TEST CASE 10**

| **INPUT** | **OUTPUT** |
| --- | --- |
| **-2** | **9** |