**TEST CASE 1**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 31 | YES |

**TEST CASE 2**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 17 | YES |

**TEST CASE 3**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 102 | NO |

**TEST CASE 4**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 12357 | NO |

**TEST CASE 5**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 468 | NO |

**TEST CASE 6**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 769 | YES |

**TEST CASE 7**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 3433 | YES |

**TEST CASE 8**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 14431 | YES |

**TEST CASE 9**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 100001 | NO |

**TEST CASE 10**

| **INPUT** | **OUTPUT** |
| --- | --- |
| 70529 | YES |

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