1

|  |  |  |
| --- | --- | --- |
| **call #** | **S** | **s[0]** |
| 1 | CSisFUN | C |
| 2 | SisFUN | S |
| 3 | isFUN | i |
| 4 | sFUN | s |
| 5 | FUN | F |
| 6 | UN | U |
| 7 | N | N |

|  |
| --- |
| **returned value** |
| NUFsiSC |
| NUFsiS |
| NUFsi |
| NUFs |
| NUF |
| NU |
| N |

2

|  |  |  |
| --- | --- | --- |
| **call #** | **n** | **lsd** |
| 1 | 237577 | 7 |
| 2 | 23757 | 7 |
| 3 | 2375 | 5 |
| 4 | 237 | 7 |
| 5 | 23 | 3 |
| 6 | 2 | 2 |
| 7 | 0 | 0 |

|  |
| --- |
| **returned value** |
| 3 |
| 2 |
| 1 |
| 1 |
| 0 |
| 0 |
| 0 |
|  |

3

|  |  |  |
| --- | --- | --- |
| **call #** | **M** | **n** |
| 1 | 5 | 6 |
| 2 | 5 | 5 |
| 3 | 5 | 4 |
| 4 | 5 | 3 |
| 5 | 5 | 2 |
| 6 | 5 | 1 |

|  |
| --- |
| **returned value** |
| 30 |
| 25 |
| 20 |
| 15 |
| 10 |
| 5 |
| … |
|  |
|  |

4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **call #** | **x** | **i** | **j** | **mid** |
| 1 | 123 | 0 | 19 | 9 |
| 2 | 123 | 10 | 19 | 14 |
| 3 | 123 | 10 | 14 | 12 |
| 4 | 123 | 12 | 14 | 13 |
| 5 | 123 | 13 | 14 | 13 |
| 6 | 123 | 13 | 13 | 13 |

|  |
| --- |
| **returned value** |
| true |
| true |
| true |
| true |
| true |
| true |
|  |
|  |
|  |
|  |
|  |
|  |