|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Input A** | **Input B** | **Operation** | **Result** | **Test case (P/F)** |
| 1 | 1 | + | 2 | P |
| -1 | 1 | 0 | P |
| -1 | -1 | -2 | P |
| 1 | 0 | 1 | P |
| 0 | 1 | 1 | P |
| 0.5 | 0.5 | 1 | P |
| -0.5 | 0.5 | 0 | P |
| -0.5 | -0.5 | -1 | P |
| + | + | F | F |
| + | - | F | F |
| + | \* | F | F |
| + | / | F | F |
| + | . | F | F |
| 1 | 0.5 | 1.5 | P |
| 1 | -0.5 | 0.5 | P |
| -1 | -0.5 | -1.5 | P |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Input A** | **Input B** | **Operation** | **Result** | **Test case (P/F)** |
| 1 | 1 | - | 0 | P |
| -1 | 1 | -2 | P |
| -1 | -1 | 0 | P |
| 1 | 0 | 1 | P |
| 0 | 1 | -1 | P |
| 0.5 | 0.5 | 0 | P |
| -0.5 | 0.5 | -1 | P |
| -0.5 | -0.5 | 0 | P |
| + | + | F | F |
| + | - | F | F |
| + | \* | F | F |
| + | / | F | F |
| + | . | F | F |
| 1 | 0.5 | 0.5 | P |
| 1 | -0.5 | 1.5 | P |
| -1 | -0.5 | -0.5 | P |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Input A** | **Input B** | **Operation** | **Result** | **Test case (P/F)** |
| 1 | 1 | \* | 1 | P |
| -1 | 1 | -1 | P |
| -1 | -1 | 1 | P |
| 1 | 0 | 0 | P |
| 0 | 1 | 0 | P |
| 0.5 | 0.5 | 0.25 | P |
| -0.5 | 0.5 | -0.25 | P |
| -0.5 | -0.5 | 0.25 | P |
| + | + | F | F |
| + | - | F | F |
| + | \* | F | F |
| + | / | F | F |
| + | . | F | F |
| 1 | 0.5 | 0.5 | P |
| 1 | -0.5 | -0.5 | P |
| -1 | -0.5 | 0.5 | P |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Input A** | **Input B** | **Operation** | **Result** | **Test case (P/F)** |
| 1 | 1 | / | 1 | P |
| -1 | 1 | -1 | P |
| -1 | -1 | 1 | P |
| 1 | 0 | Exception | F |
| 0 | 1 | 0 | P |
| 0.5 | 0.5 | 1 | P |
| -0.5 | 0.5 | -1 | P |
| -0.5 | -0.5 | 1 | P |
| + | + | F | F |
| + | - | F | F |
| + | \* | F | F |
| + | / | F | F |
| + | . | F | F |
| 1 | 0.5 | 2 | P |
| 1 | -0.5 | -2 | P |
| -1 | -0.5 | 2 | P |
|  |  |  |  |  |