

## Test cases for input box accepting numbers from 1 to 1000.

### Equivalence Partitioning

1. One input data class with all valid inputs. Pick a single value from the range of 1 to 1000 as a valid test case. If you select other values between 1 and 1000, then the result is going to be the same. So, one test case for valid input data should be sufficient.
2. Input data class with all values below the lower limit, i.e., any value below 1, as an invalid input data test case.
3. Input data with any value greater than 1000 represents the third invalid input class.

### Boundary Value Analysis

1. Test cases with test data exactly as the input boundaries of the input domain, i.e., values 1 and 1000 in our case.
2. Test data with values just below the extreme edges of input domains, i.e., values 0 and 999.
3. Test data with values just above the extreme edges of the input domain, i.e., values 2 and 1001.