

Task #17

The Input field accepts integer values from 18 to 99 inclusive.
Applying EP and BVA techniques to the Input field testing.

Equivalence partitioning

Valid area: all integers from the range [18; 99].

Invalid areas: any numbers (including fractions) from the range $(-\infty; 17]$ and $[100; +\infty]$, as well as letters, special characters, geometric shapes, emojis, images, video and audio files, and all others, different from the valid area.

To cover the equivalent partition, the following set of test data is possible:
-5, 56, and 120.

Boundary Values Analysis

According to BVA (2 values), we have a set of boundary values of 4 numbers: 17, 18, 99, and 100, where the borders 18 and 99 belong to the valid area, and 17 and 100 belong to the invalid area.

According to BVA (3 values), we have a set of boundary values of 6 numbers: 17, 18, 19, 98, 99, 100, where the borders 18, 19, 98, and 99 belong to the valid area, and 17 and 100 belong to the invalid area.