**Test assignment - Task 1 - YouHodler**

Validating a form containing a “Number” input field, an “Additional Condition” checkbox, and a “Check” button.

The general approach to test this kind of form logic will be splitting the tests to two sections – checkbox OFF and checkbox ON, selecting a set of relevant numbers for each section to cover all possible scenarios.   
The selected numbers should also take under consideration, the other state of the checkbox status, than the one that’s being tested.

In addition, a set of non-numeric characters should also be tested for ensuring the correct behavior, as well as running the tests over various browsers for compatibility testing.

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| **Test Case** | **Input Value** | **Checkbox Status** | **Expected Result** |
| 1 | Empty | Unchecked | Error displayed: "The number field cannot be empty." |
| 2 | @#$ | Unchecked | Error displayed: “The field can accept only numbers.” |
| 3 | 0 | Unchecked | Error displayed: "A natural number must be between 20 and 50." |
| 4 | 25 | Unchecked | Validation passes |
| 5 | -30 | Unchecked | Error displayed: "A natural number must be between 20 and 50." |
| 6 | 20 | Unchecked | Validation passes |
| 7 | 50 | Unchecked | Validation passes |
| 8 | 19 | Unchecked | Error displayed: "A natural number must be between 20 and 50." |
| 9 | 51 | Unchecked | Error displayed: "A natural number must be between 20 and 50." |
| 10 | 30.0 | Unchecked | Error displayed: "A natural number must be between 20 and 50." |
| 11 | -30.0 | Unchecked | Error displayed: "A natural number must be between 20 and 50." |
| 12 | 40.5 | Unchecked | Error displayed: "A natural number must be between 20 and 50." |
| 13 | Empty | Checked | Error displayed: "The number field cannot be empty." |
| 14 | @#$ | Checked | Error displayed: “The field can accept only numbers.” |
| 15 | 0 | Checked | Error displayed: "A floating-point number must be between 20.0 and 50.0." |
| 16 | 25.3 | Checked | Validation passes |
| 17 | -30.0 | Checked | Error displayed: "A floating-point number must be between 20.0 and 50.0." |
| 18 | 20.0 | Checked | Validation passes |
| 19 | 50.0 | Checked | Validation passes |
| 20 | 19.99 | Checked | Error displayed: "A floating-point number must be between 20.0 and 50.0." |
| 21 | 50.01 | Checked | Error displayed: "A floating-point number must be between 20.0 and 50.0." |
| 22 | 30 | Checked | Error displayed: "A floating-point number must be between 20.0 and 50.0." |
| 23 | -30 | Checked | Error displayed: "A floating-point number must be between 20.0 and 50.0." |
| 24 | 40 | Checked | Error displayed: "A floating-point number must be between 20.0 and 50.0." |