#### Given the following form: <label for="tentacles">Number of tentacles (10-100):</label> <input type="number" id="tentacles" name="tentacles" min="10" max="100"> <button>Send</button>

#### Write all necessary test cases to make sure the input field is working as expected; valid values will lead to a "Success" message, and invalid to an "Error" message. Min valid value = 10; Max valid value = 100 **Test Case 1: Check min valid value** **Given:** the user enters 10 in the input field **When:** the user clicks "Send" **Then:** the "Success" message should be displayed **Test Case 2: Check man valid value Given:** the user enters 100 in the input field **When:** the user clicks "Send" **Then:** the "Success" message should be displayed **Test Case 3: Check mid valid value Given:** the user enters 55 in the input field. **When:** the user clicks "Send" **Then:** the "Success" message should be displayed **Test Case 4: Check the value below the valid Given:** the user enters 9 in the input field **When:** the user clicks "Send" **Then:** the "Error" message should be displayed (validation ‘Value must be greater than or equal to 10.’) **Test Case 5: Check the value above the valid Given:** the user enters 101 in the input field **When:** the user clicks "Send" **Then:** the "Error" message should be displayed (validation ‘Value must be less than or equal to 100’) **Test Case 6: Send the empty field Given:** the user doesn’t enter anything in the input field **When:** the user clicks "Send" **Then:** the "Error" message should be displayed **Test Case 7: Input letters to the field Given:** the user enters “E” (letters) in the input field **When:** the user clicks "Send" **Then:** the "Error" message should be displayed (validation ‘Please enter a number.’)

#### **Test Case 8: Input symbols to the field Given:** the user enters “+” (symbols) in the input field **When:** the user clicks "Send" **Then:** the "Error" message should be displayed (validation ‘Please enter a number.’)

#### **Test Case 9: Input negative numbers to the field Given:** the user enters -25 (a negative number) in the input field **When:** the user clicks "Send" **Then:** the "Error" message should be displayed (validation ‘Value must be greater than or equal to 10.’) **Test Case 10: Input fractional number to the field Given:** the user enters 75.5 (a fractional number) in the input field **When:** the user clicks "Send" **Then:** the "Error" message should be displayed