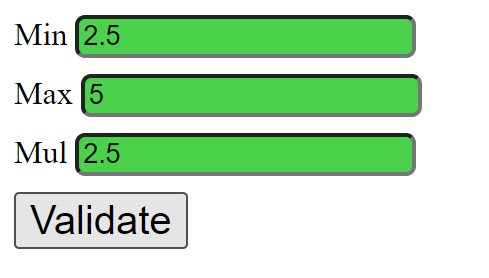
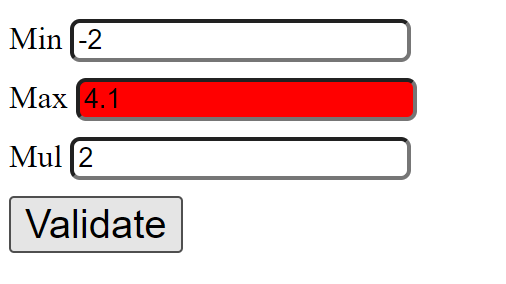


**OUTPUT:**

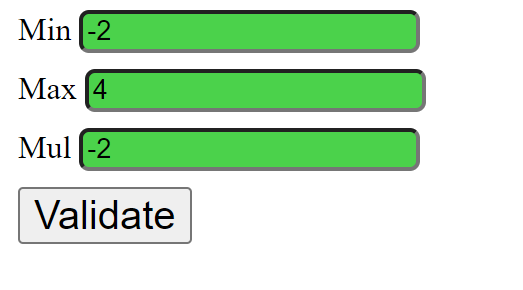
**Test Case-1**

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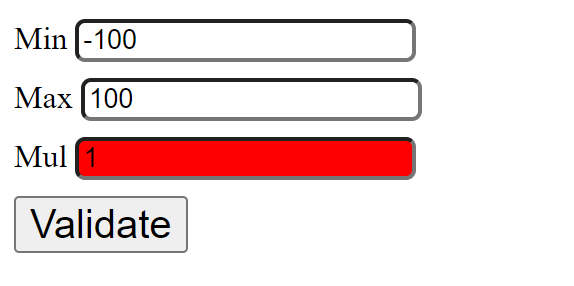
**Test Case-2**

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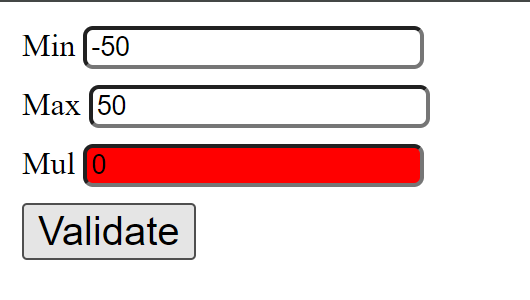
**Test Case-3**

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**Test Case-4**

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**Test Case-5**

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