| Test Scenario | Test Case ID | Test Summary | Test Procedure | Test Data | Expected Result | Actual Result | Status | Environment |
|---|---|---|---|---|---|---|---|---|
| Test the multiply/divide functionalities of the program. | TC01 | Check program behaviour with an empty field | 1. Insert value into the first field. 2. Click divide button. | Y = 10 Z = undefined | Display an error message 'Input type must be integer'. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
| | TC02 | Check program behaviour with an empty field | 1. Insert value into the second field. 2. Click multiply button. | Y = undefined Z = 5 | Display an error message 'Input type must be integer'. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
| | TC03 | Check program behaviour with non-integer value for Y and integer for Z | 1. Insert value into the first field. 2. Insert value into the second field. 3. Click divide button. | Y = 0.2 Z = 5 | Display an error message 'Input type must be integer'. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
| | TC04 | Check program behaviour with non-integer value for Y and integer for Z | 1. Insert value into the first field. 2. Insert value into the second field. 3. Click multiply button. | Y = 17.8 Z = -1 | Display an error message 'Input type must be integer'. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
| | TC05 | Check program behaviour with integer value for Y and non-integer for Z | 1. Insert value into the first field. 2. Insert value into the second field. 3. Click divide button. | Y = 2 Z = -4.7 | Display an error message 'Input type must be integer'. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
| | TC06 | Check program behaviour with integer value for Y and non-integer for Z | 1. Insert value into the first field. 2. Insert value into the second field. 3. Click multiply button. | Y = 10 Z = 6.66 | Display an error message 'Input type must be integer'. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
| | TC07 | Check program behaviour with integer value for both Y and Z | 1. Insert value into the first field. 2. Insert value into the second field. 3. Click divide button. | Y = 10 Z = 5 | Display result field R = 2. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
| | TC08 | Check program behaviour with integer value for both Y and Z | 1. Insert value into the first field. 2. Insert value into the second field. 3. Click multiply button. | Y = 4 Z = -15 | Display result field R = -60. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
| | TC09 | Check program behaviour with integer value for Y and value 0 for Z | 1. Insert value into the first field. 2. Insert value into the second field. 3. Click divide button. | Y = -10 Z = 0 | Display an error message 'Division by 0'. | Depending on browser/compiler, the program crashes or displays an error in the result field. | Fail | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |

| | TC10 | Check program behaviour with integer value for Y and value 0 for Z | 1. Insert value into the first field. 2. Insert value into the second field. 3. Click multiply button. | Y = any Integer Z = 0 | Display result field R = 0. | As expected | Pass | OS: Windows Browser : Chrome Safari Mozilla Firefox Opera Microsoft Edge |
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**Date of Creation**      05/06/2019

**Executed by**       Chelarescu Bogdan

**Date of Execution**    06/06/2019