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| TestCaseID | TestCaseTitle | T\_C\_Desc | TestSteps | Precond | TestData | PostCond | ExpectedRes |
| TC\_01 | Verify if user can divide two integers | Enter valid integers Y &Z and click on divide button | 1.Enter integer Y  2.Enter integer Z  3.Click on divide button |  | Y=10  Z=5 |  | R=2 |
| TC\_02 | Verify if user can divide a real number to an integer | Enter invalid real Y,  enter valid integer Z and  Click on divide button | 1.Enter real number Y  2.Enter integer Z  3.Click on divide button |  | Y=10.5  Z=1 |  | Show message “Invalid value for Y” |
| TC\_03 | Verify if user can divide an integer number to a real number | Enter valid integer Y,  enter invalid real Z and  cick on divide button | 1.Enter integer Y  2.Enter real number Z  3.Click on divide button |  | Y=10  Z=2.5 |  | Show message  “Invalid value for Z” |
| TC\_04 | Verify if the user can divide two strings | Enter invalid string Y & Z  and click divide button | 1.Enter string for Y  2.Enter string for Z  3.Click on divide button |  | Y=”ab”  Z=”a” |  | Show message “Invalid value for Y & Z” |
| TC\_05 | Verify if a user can divide a number with zero | Enter valid integer Y, enter Z equal 0 and click divide button | 1.Enter integer Y  2.Enter Z equal 0  3.Click on divide button |  | Y=10  Z=0 |  | Show message “Invalid division by 0” |
| TC\_06 | Verify if a user can divide two integers | Enter valid integer Y&Z and click on divide button | 1.Enter integer Y  2.Enter integer Z  3.Click on divide button |  | Y=10  Z=3 |  | Show message”Resut is not an integer number” |
| TC\_07 | Verify if user can multiply two intgers | Enter valid integer Y & Z and click on multiply button | 1.Enter integer Y  2.Enter integer Z  3.Click on multiply button |  | Y=3  Z=5 |  | R=15 |
| TC\_08 | Verify if user can multiply two real numbers | Enter invalid real number Y&Z and click on multiply button | 1.Enter real number Y  2.Enter real number Z  3.Click on multiply button |  | Y=2.5  Z=3.5 |  | Show message ”Invalid value for Y&Z” |
| TC\_09 | Verify if a user can multiply an integer and a real number | Enter valid integer number, enter valid real number and click on multiply button | 1.Enter integer Y  2.Enter real Z  3.Click on multiply button |  | Y=-5  Z=1.0 |  | Show message “Invalid value for Z” |