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| Test case | Input | Expected Output | Actual Output |
| Valid input | A number from 1 to 7 | The program is expected to output one of the 7 rainbow colors | The program did output from Red to Violet |
| Input less than 1 | 0 | The program returns “Invalid input” | The program did return Invalid Input as expected |
| Input greater than 7 | 8 | The program returns “Invalid input” | The program did return Invalid input as expected |
| Non-numeric input | a-z | A ValueError due to the invalid data type | The program returned ValueError and crashed prematurely |
| No input | Just press entor without any kind of input | A ValueError due to the fact the program attempted to convert an empty string to an integer | The program returned ValueError and crashed prematurely |