

SE1021 Exam II Feedback

Problem 6

- ① -1 Integer.parseInt(null) throws a NumberFormatException, which this example already catches.
- ② -2 If the user enters 0, an ArithmeticException is thrown (with a / by 0 message), which this code catches, continuing on to the print statement.
- ③ -3 User input not specified
- ④ -1 Integer.parseInt("10000000000000000000000000000000") throws a NumberFormatException, which this example already catches.
- ⑤ -1 Need to find i such that $10/i$ is 5. So $i=2$. (Arithmetic/Algebra)
- ⑥ -2 Entering words produces a NumberFormatException from Integer.parseInt(...)