

CCCS214: Object-Oriented Programming II

Assignment 1

Part1: Find the error in each of the following code segments:

1)

```
// Assume inputFile references a Scanner object.
try{
    input = inputFile.nextInt();
}
finally
{
    inputFile.close();
}
catch (InputMismatchException e)
{
    System.out.println(e.getMessage());
}
```

The finally statement came before the catch.

2)

```
try
{
    number=Integer.parseInt(str);
}
catch (Exception e)
{
    System.out.println(e.getMessage());
}
catch (IllegalArgumentException e)
{
    System.out.println("Bad number format.");
}
catch (NumberFormatException e)
{
    System.out.println(str + " is not a number.");
}
```

IllegalArgumentException, NumberFormatException has already been caught by "Exception"

Part 2:

Write a class named TestScores. The class constructor should accept an array of test scores as its argument. The class should have a method that returns the average of the test scores. If any test score in the array is negative or greater than 100, the class should throw a custom exception InvalidTestScore.

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