

Reading for Thursday October 5

In textbook:

2.3.5, 2.3.6, 2.3.7, 2.3.8

Material covered in these chapter sections:

2.3.5 Integer division and modulus (remainder after division)

2.3.6 Division by zero (integer and floating point)

2.3.7 Mixed type arithmetic and type casting

2.3.8 Shortcut operators

Be prepared to show that you have read the material by being able to answer questions about:

- result of division when dividend is not a multiple of divisor
- remainder after division
- how to determine if an integer is even
- what happens when integer division by zero is performed
- what happens when floating point division by zero is performed
- when does Java convert arithmetic types for you
- how do you tell Java to convert arithmetic types
- what are the shortcut operators
- how do you write equivalent operations without using shortcut operators

You may use any hand written notes you prepared during your reading to answer these questions.