

Exam 2 will have questions that require an understanding of inheritance from chapter 7, a little bit about packages in chapter 8, and knowledge about exception handling in chapter 9.

Here are some more specifics.

- For this exam it is assumed that you know the fundamentals of programming such as making decisions with if-else constructs or repeating (looping) using for or do/while statements, etc., standard data types, and other basic programming details. By knowing I mean being able to write a short section of code that would use these.
- Any questions on packages will come from pages 268 to 276 of chapter 8. Thus no questions on interfaces.
- You should know the basics about the string class (see chapter 5 pages 158-164), how to create a string, how to refer to a string. I don't assume you know all the methods of the string class but you should know these three: length(), charAt(), and substring(). You may need to use them.
- You should be able to create and use arrays.
- From chapter 9, know how to use try and catch and throw. I will not ask about throwable or final. Know that java has built-in exceptions named: ArithmeticException, ArrayIndexOutOfBoundsException, and StringIndexOutOfBoundsException. I do not expect you to have memorized the whole list.
- More of the exam this time will be creating short programs or parts of a program (code fragments).
- No questions about AWT or Swing.
- There may be a given code fragments that don't work and you would debug it.