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| **APCS Exposure Java** | **Exercises 02.07-12** | **Date:** |
| **Name:** | | **Period:** |

1. What does *GUI* stand for?

2. Which is more complex, *program input* or *program output*?

3. Look at **Figure 2.3**. The first 5 lines of program ***Java0201.java*** all begin with **//**.

What does that mean?

4. Are comments compiled into *bytecode*?

5. Are comments ever *executed*?

6. Every application program has a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ segment.

7. What does the command **System.out.println** do?

8. What characters contain program blocks?

9. Can a *programming language* use *human language*? Why or why not?

10. What is a Java *keyword*?

11. Two or more keywords combine to make what?

12. What does it mean when we say that keywords in Java are “case-sensitive”?

13. List 9 keywords.

14. What does **System.out** mean?

15. What does *CRLF* stand for?

16. Explain the difference between **print** and **println**.

17. What does **println()** do when there is nothing between the (parentheses)?

18. Both **print** and **println** follow what Java keyword(s)?

19. Java is an island in what country?

20. If you see **public class Jessica** in your program, what name must the file have?

21. What punctuation symbols must be at the end of all Java program statements?

22. Comments are very useful because they aid in \_\_\_\_\_\_\_ \_\_\_\_\_\_\_.

23. A well-documented program is easier to \_\_\_\_\_\_\_, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_.

24. What symbol it used to make a *Single-Line Comment*?

25. Where can comments be used in a program?

26. Can a comment be placed right after a program statement?

27. When is it useful to completely *comment-out* a program statement?

28. What symbol it used to start a *Multi-Line Comment*?

29. What symbol it used to end a *Multi-Line Comment*?

30. Look at the program ***Java0208.java*** and its output.

Why does the program not display the words **Seven**, **Eight**, **Nine**, **Ten** and **Eleven**?

31. Consider this comment from program ***Java0209.java***:

|  |
| --- |
| /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* \*  \* Java Program 0209 \*  \* Numbers from 1-13 \*  \* By: John Schram \*  \* 3/15/12 \*  \* \*  \* This program is similar to \*  \* the previous two and shows \*  \* that a comment can be used \*  \* to create a heading. \*  \* \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***/** |

↑

What would happen if the slash at the very end of this comment were removed?

32. What is the *escape sequence* to generate a *carriage-return, line-feed*?

33. What is the *escape sequence* to generate a *tab*?

34. What is the *escape sequence* to generate a *carriage-return* without a *line-feed*?

35. Look at program ***Java0210.java*** and its output. The program contains the following statement:

**System.out.print("Hello John\r");**

Why do we not see “Hello John” in the output?

36. The number of available topics in Java is absolutely enormous. What is the *AP Java Subset*?

37. Physical damage to a computer happens, but it is not the biggest problem.

The number one source of grief for many people, especially students, is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

38. What does *RAM* stand for?

39. What happens to the *RAM* if the computer loses power?

40. What does *AVR* stand for?

41. What are the 2 parts of a computer *virus*?

42. What is *spyware*?

43. Why is it bad to leave your computer both logged in and unattended?

44. What does *USB* stand for?